# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

# **SCHEDULE 14A**

Proxy Statement Pursuant to Section 14(a) of the Securities Exchange Act of 1934 (Amendment No. \_\_\_)

Filed by the Registrant  $\boxtimes$ Filed by a Party other than the Registrant  $\Box$ Check the appropriate box: ☐ Preliminary Proxy Statement Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2)) Definitive Proxy Statement Definitive Additional Materials Soliciting Material Pursuant to §14a-11(c) or Rule 14a-12 AtriCure, Inc. (Name of Registrant as Specified In Its Charter) (Name of Person(s) Filing Proxy Statement, if other than the Registrant) Payment of Filing Fee (Check the appropriate box): No fee required Fee computed on table below per Exchange Act Rules 14a-6(i)(l) and 0-11 Title of each class of securities to which transaction applies: Aggregate number of securities to which transaction applies: (3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined): (4) Proposed maximum aggregate value of transaction: (5) Total fee paid: Fee paid previously with preliminary materials. Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing. (1) Amount Previously Paid: (2) Form, Schedule or Registration Statement No.:

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(4)



# 6217 Centre Park Drive West Chester, Ohio 45069

# NOTICE OF 2010 ANNUAL MEETING OF STOCKHOLDERS TO BE HELD ON MAY 19, 2010

# To Our Stockholders:

You are cordially invited to attend the 2010 Annual Meeting of Stockholders (the "Annual Meeting") of AtriCure, Inc. (the "Company" or "AtriCure"). The Annual Meeting will be held at our principal executive offices located at 6217 Centre Park Drive, West Chester, Ohio 45069 on Wednesday, May 19, 2010, for the following purposes, as more fully described in the accompanying proxy statement:

- 1. To elect eight directors to serve for a one-year term that expires at the 2011 Annual Meeting of Stockholders and until their successors have been duly elected and qualified;
- 2. To ratify the appointment of Deloitte & Touche LLP as our independent registered public accounting firm for the year ending December 31, 2010; and
- 3. To transact such other business as may properly come before the Annual Meeting.

The Annual Meeting will begin promptly at 9:30 a.m. (EDT) and check-in will begin at 9:00 a.m. (EDT). Only holders of record of shares of AtriCure common stock (Nasdaq: ATRC) at the close of business on April 1, 2010, will be entitled to notice of, and to vote at, the Annual Meeting and any postponements or adjournments of the Annual Meeting.

We are pleased again to take advantage of U.S. Securities and Exchange Commission rules that allow companies to furnish their proxy materials over the Internet. As a result, we are mailing to most of our stockholders a Notice of Internet Availability of Proxy Materials (the "Notice") with this proxy statement and our 2009 Annual Report. The Notice contains instructions on how to access and review those documents over the Internet. The Company believes that this new process will allow us to provide our stockholders with the information they need in a more timely manner.

A complete list of stockholders entitled to vote at the Annual Meeting will be available for examination by any stockholder for any purpose in connection with the Annual Meeting during normal business hours at our principal executive offices for a period of at least 10 days prior to the Annual Meeting.

By order of the Board of Directors,

/s/ Julie A. Piton
Julie A. Piton
Vice President, Finance and Administration and
Chief Financial Officer

West Chester, Ohio April 19, 2010

#### YOUR VOTE IS IMPORTANT!

REGARDLESS OF WHETHER YOU PLAN TO ATTEND THE ANNUAL MEETING, PLEASE PROMPTLY COMPLETE, SIGN, DATE AND RETURN THE ENCLOSED PROXY CARD IN THE ACCOMPANYING POSTAGE-PAID ENVELOPE, WHICH REQUIRES NO ADDITIONAL POSTAGE IF IT IS MAILED IN THE UNITED STATES. EVEN IF YOU HAVE VOTED BY PROXY, YOU MAY STILL VOTE IN PERSON IF YOU ATTEND THE ANNUAL MEETING. YOU MAY REVOKE YOUR PROXY AT ANY TIME BEFORE IT IS VOTED AT THE ANNUAL MEETING.

# ATRICURE, INC.

# \*\*\*IMPORTANT NOTICE\*\*\*

Regarding Internet Availability of Proxy Materials for the Annual Meeting to be held on May 19, 2010

You are receiving this communication because you hold shares in the above company, and the materials you should review before you cast your vote are now available.

The proxy statement and annual report to security holders are available at: <a href="http://phx.corporate-ir.net/staging/phoenix.zhtml?c=189981&p=proxy">http://phx.corporate-ir.net/staging/phoenix.zhtml?c=189981&p=proxy</a>



ATRICURE, INC.

# PROXY STATEMENT FOR 2010 ANNUAL MEETING OF STOCKHOLDERS

The Board of Directors of AtriCure, Inc., a Delaware corporation, is soliciting the enclosed proxy from you. The proxy will be used at our 2010 Annual Meeting of Stockholders to be held on Wednesday, May 19, 2010, beginning at 9:30 a.m. (EDT) at our principal executive offices located at 6217 Centre Park Drive, West Chester, Ohio 45069, and at any postponements or adjournments thereof. This proxy statement contains important information regarding the 2010 Annual Meeting of Stockholders. Specifically, it identifies the matters upon which you are being asked to vote, provides information that you may find useful in determining how to vote and describes the voting procedures.

In this proxy statement: the terms "we," "our," "us," "AtriCure" and the "Company" each refer to AtriCure, Inc.; the term "Board" means our Board of Directors; the term "proxy materials" means this proxy statement, the enclosed proxy card and our Annual Report on Form 10-K for the year ended December 31, 2009, filed with the U.S. Securities and Exchange Commission, or SEC, and the term "meeting" means our 2010 Annual Meeting of Stockholders.

We are sending these proxy materials on or about April 19, 2010, to all stockholders of record at the close of business on April 1, 2010 (the "Record Date").

# QUESTIONS AND ANSWERS REGARDING THIS SOLICITATION AND VOTING AT THE ANNUAL MEETING

#### Why am I receiving these proxy materials?

We sent you these proxy materials because our Board is soliciting your proxy to vote at the meeting. As a stockholder of record at the close of business on the Record Date, you are invited to attend the meeting and are entitled to and requested to vote on the items of business described in this proxy statement.

# What information is contained in this proxy statement?

The information in this proxy statement relates to the proposals to be voted on at the meeting, the voting process, the compensation of our directors and most highly paid executive officers in 2009 and certain other required information.

#### Who is entitled to vote at the meeting?

Only stockholders who owned our common stock at the close of business on the Record Date are entitled to notice of and to vote at the meeting, and at any postponements or adjournments thereof. If you are not a stockholder of record but hold shares in street name (that is, through a broker or nominee), you will need to provide proof of beneficial ownership as of the Record Date, such as your most recent brokerage account statement, a copy of the voting instruction card provided by your broker, trustee or nominee, or other similar evidence of ownership. All stockholders should be prepared to present photo identification for admittance.

#### What items of business will be voted on at the meeting?

The items of business scheduled to be voted on at the meeting are:

- 1. the election of eight nominees to serve as directors on our Board; and
- 2. the ratification of the appointment of our independent registered public accounting firm for the 2010 year.

These proposals are described more fully below. As of the date of this proxy statement, this is the only business that our Board intends to present or knows of that others will present at the meeting. If any other matter or matters are properly brought before the Annual Meeting or any postponement or adjournment thereof, each properly executed proxy card will be voted in the discretion of the proxies named therein.

#### How does the Board of Directors recommend that I vote?

Our Board recommends that you vote your shares

- (1) "FOR" each of the director nominees; and
- (2) "FOR" the ratification of our independent registered public accounting firm for the 2010 year.

#### What are my voting rights?

On each matter to be voted upon, you have one vote for each share of common stock you own as of the Record Date. You may vote all shares owned by you as of the Record Date, including (1) shares held directly in your name as the *stockholder of record*, and (2) shares held for you as the *beneficial owner* through a broker, trustee or other nominee such as a bank.

#### What constitutes a quorum?

A quorum is required to conduct business at the meeting. The presence at the meeting, in person or by proxy, of the holders of a majority of the shares of our common stock entitled to vote at the meeting will constitute a quorum. As of the Record Date, 15,461,019 shares of our common stock were outstanding. Both abstentions and broker non-votes are counted for the purpose of determining the presence of a quorum.

#### What is the difference between holding shares as a stockholder of record and as a beneficial owner?

If your shares are registered directly in your name with our transfer agent, American Stock Transfer & Trust Company, you are considered, with respect to those shares, the *stockholder of record*, and these proxy materials are being sent directly to you by us. As the *stockholder of record*, you have the right to grant your voting proxy directly to the persons named as proxy holders or to vote in person at the meeting. We have enclosed a proxy card for your use.

If your shares are held in a brokerage account or by another nominee, you are considered the *beneficial owner* of shares held in *street name*, and these proxy materials are being forwarded to you together with a voting instruction card. As the beneficial owner, you have the right to direct your broker, trustee or nominee how to vote and are also invited to attend the meeting. Please note that since a beneficial owner is not the *stockholder of record*, you may not vote these shares in person at the meeting unless you obtain a "legal proxy" from the broker, trustee or nominee that holds your shares, which gives you the right to vote the shares at the meeting. Your broker, trustee or nominee has enclosed or provided voting instructions for your use in directing the broker, trustee or nominee how to vote your shares.

# How can I vote my shares in person at the meeting?

Shares held in your name as the stockholder of record may be voted in person at the meeting. Shares held beneficially in street name may be voted in person only if you obtain a legal proxy from the broker, trustee or

nominee that holds your shares, which gives you the right to vote the shares. Even if you plan to attend the meeting, we recommend that you also submit your proxy card or voting instructions as described below so that your vote will be counted if you later decide not to, or are unable to, attend the meeting.

#### Can I vote my shares without attending the meeting?

Whether you hold shares directly as the stockholder of record or beneficially in street name, you may direct how your shares are voted without attending the meeting. Stockholders of record may submit proxies by completing, signing and dating their proxy cards and mailing them in the accompanying pre-addressed envelope. Stockholders holding shares beneficially in street name may vote by mail by completing, signing and dating the voting instruction cards provided by their broker, trustee or nominee and mailing them in the accompanying pre-addressed envelope.

#### What if I want to revoke and change my vote?

You may change your vote at any time prior to the vote at the meeting. If you are the stockholder of record, you may change your vote by granting a new proxy bearing a later date (which automatically revokes the earlier proxy), by providing a written notice of revocation to our Secretary prior to your shares being voted or by attending the meeting and voting in person. Please note that attending the meeting will not cause your previously granted proxy to be revoked unless you specifically so request. For shares you hold beneficially in street name, you may change your vote by submitting new voting instructions to your broker, trustee or nominee, or if you have obtained a legal proxy from your broker, trustee or nominee, which gives you the right to vote your shares, by attending the meeting and voting in person.

#### What vote is required to approve each item and how are votes counted?

The vote required to approve each item of business and the method for counting votes is set forth below:

- **Election of Directors.** The eight director nominees receiving the highest number of affirmative "FOR" votes at the meeting (a plurality of votes cast) will be elected to serve as directors. You may vote "FOR" all of the director nominees or "WITHHOLD" your vote for any or all director nominees. A properly executed proxy marked "WITHHOLD" with respect to the election of one or more director nominees will not be voted with respect to the director or directors indicated, although it will be counted for purposes of determining whether there is a quorum.
- Ratification of the Independent Registered Public Accounting Firm. For the approval of the ratification of the independent registered public accounting firm, the affirmative "FOR" vote of a majority of the shares represented in person or by proxy and entitled to vote will be required for approval. You may vote "FOR," "AGAINST" or "ABSTAIN" for this item of business. If you "ABSTAIN," your abstention has the same effect as a vote "AGAINST".

If you provide specific instructions with regard to certain items, your shares will be voted as you instruct on such items. If you sign your proxy card or voting instruction card without giving specific instructions, your shares will be voted in accordance with the recommendations of the Board ("FOR" all of the nominees to the Board and "FOR" ratification of the independent registered public accounting firm, and in the discretion of the proxy holders on any other matters that properly come before the meeting).

#### What is a "broker non-vote"?

Under the rules that govern brokers who have record ownership of shares that are held in street name for their clients, who are the beneficial owners of the shares, brokers have the discretion to vote such shares on routine matters. The ratification of the appointment of an independent public accounting firm (Proposal 2) is considered a routine matter. Your broker, therefore, may vote your shares in its discretion on this routine matter

if you do not instruct your broker how to vote on them. If a matter is not considered routine, then your broker is prohibited from voting your shares on the matter unless you have given voting instructions on that matter to your broker. Unlike previous years, the election of directors (Proposal 1) is no longer considered routine. Therefore, brokers holding shares for their customers will not have the ability to cast votes with respect to the election of directors unless they have received instructions from their customers. It is important, therefore, that you provide instructions to your broker if your shares are held by a broker so that your vote with respect to the election of directors is counted. Your broker, therefore, will need to return a proxy card without voting on the election of directors if you do not give voting instructions with respect to the matter. This is referred to as a "broker non-vote."

#### How are "broker non-votes" counted?

Broker non-votes will be counted for the purpose of determining the presence of a quorum for the transaction of business, but they will not be counted in tabulating the voting result for any particular proposal.

#### How are abstentions counted?

If you return a proxy card that indicates an abstention from voting, the shares represented will be counted for the purpose of determining both the presence of a quorum and the total number of shares represented and entitled to vote with respect to a proposal (other than with respect to the election of directors), but they will not be voted on any matter at the meeting. Accordingly, abstentions will have the same effect as a vote "AGAINST" a proposal (other than with respect to the election of directors).

#### What happens if additional matters are presented at the meeting?

Other than the two proposals described in this proxy statement, we are not aware of any other business to be acted upon at the meeting. If you grant a proxy, the persons named as proxy holders, Julie A. Piton (our Vice President, Finance and Administration and Chief Financial Officer) and David J. Drachman (our President and Chief Executive Officer), will have the discretion to vote your shares on any additional matters properly presented for a vote at the meeting. If, for any unforeseen reason, any of our nominees is not available as a candidate for director, the persons named as proxy holders will vote your proxy for such other candidate or candidates as may be nominated by our Board.

#### Who will serve as inspector of election?

The Secretary of the Company will tabulate the votes and act as inspector of election at the meeting.

# What should I do in the event that I receive more than one set of proxy/voting materials?

You may receive more than one set of these proxy solicitation materials, including multiple copies of this proxy statement and multiple proxy cards or voting instruction cards. For instance, if you hold your shares in more than one brokerage account, you may receive a separate voting instruction card for each brokerage account in which you hold shares. In addition, if you are a stockholder of record and your shares are registered in more than one name, you may receive more than one proxy card. Please complete, sign, date and return each proxy card and voting instruction card that you receive to ensure that all your shares are voted.

#### Who is soliciting my vote and who will bear the costs of this solicitation?

Your vote is being solicited on behalf of the Board, and the Company will bear the entire cost of solicitation of proxies, including preparation, assembly, printing and mailing of this proxy statement. In addition to these mailed proxy materials, our directors and employees may also solicit proxies in person, by telephone, by e-mail or by other means of communication. Directors and employees will not be paid any additional compensation for

soliciting proxies. We may reimburse brokerage firms, banks and other agents for the cost of forwarding proxy materials to beneficial owners. We may also engage the services of a professional proxy solicitation firm to aid in the solicitation of proxies from certain brokers, bank nominees and other institutional owners. Our costs for such services, if retained, will not be material.

# Where can I find the voting results of the meeting?

We intend to announce preliminary voting results at the meeting and publish final results in a Current Report on Form 8-K within four business days after the meeting.

#### What is the deadline to propose actions for consideration at next year's annual meeting of stockholders or to nominate individuals to serve as directors?

As a stockholder, you may be entitled to present proposals for action at a future meeting of stockholders, including director nominations.

• Stockholder Proposals: For a stockholder proposal to be considered for inclusion in our proxy statement for the annual meeting to be held in 2011 (the "2011 Annual Meeting"), the written proposal must be received by the Secretary of AtriCure at our principal executive offices no earlier than November 20, 2010 and no later than December 20, 2010. However, if the date of our 2011 Annual Meeting changes by more than 30 days from the date of the meeting, then your notice must be received not later than the close of business on the later of (i) the 150th day prior to the date of the 2011 Annual Meeting or (ii) the 10th day following the date we make a public announcement of the date of the 2011 Annual Meeting. Such proposals must provide the information required by our Bylaws and also must comply with the requirements of Regulation 14A of the Securities Exchange Act of 1934 and any other applicable rules established by the SEC. Proposals should be addressed to:

AtriCure, Inc. Attn: Secretary 6217 Centre Park Drive West Chester, Ohio 45069

- **Nomination of Director Candidates:** You may propose director candidates for consideration by our Board. Any such recommendations should include the nominee's name and qualifications for Board membership and should be directed to our Secretary at the address set forth above. In addition, our Bylaws permit stockholders to nominate directors for election at an annual meeting of stockholders. To nominate a director, the stockholder must provide the information required by our Bylaws, as well as a statement by the nominee consenting to being named as a nominee and to serve as a director if elected. In addition, the stockholder must give timely notice to our Secretary in accordance with the provisions of our Bylaws, which require that the notice be received by our Secretary no earlier than November 20, 2010 and no later than December 20, 2010.
- Copy of Bylaw Provisions: You may contact our Secretary at our principal executive offices for a copy of the relevant Bylaws provisions regarding
  the requirements for making stockholder proposals and nominating director candidates.

#### PROPOSAL ONE—ELECTION OF DIRECTORS

#### The Board of Directors

Our Amended and Restated Certificate of Incorporation provides that each director shall be elected at each annual meeting of stockholders for a term of one year. Our Board currently consists of the following eight directors: Mark A. Collar, David J. Drachman, Donald C. Harrison, M.D., Michael D. Hooven, Richard M. Johnston, Elizabeth D. Krell, Ph.D., Mark R. Lanning and Karen P. Robards, whose terms expire at this meeting.

#### **Director Nominees**

The Nominating and Corporate Governance Committee recommended and the Board nominated the following people, each of whom are current directors, for re-election as directors: Mark A. Collar, David J. Drachman, Donald C. Harrison, M.D., Michael D. Hooven, Richard M. Johnston, Elizabeth D. Krell, Ph.D., Mark R. Lanning and Karen P. Robards. If elected, these nominees will hold office as directors until our 2011 Annual Meeting, and until their respective successors are elected and qualified or until their earlier death, resignation or removal.

# **Biographical Information of Directors and Director Nominees**

The names of each member of the Board and nominee for director, where indicated, their ages as of the Record Date, length of service on the Board and certain biographical information is as follows:

Richard M. Johnston. Mr. Johnston, 75, has served as one of our directors since June 2002 and as Chairman of the Board since February 2005. Since 2000, Mr. Johnston has been a managing member of Camden Partners Holdings, LLC, a private equity firm. Mr. Johnston currently serves as a director of BioMedical Enterprises, Inc., Lombard Medical Technologies PLC, Medivance, Inc., Picis, Inc. and Webmedx, Inc., all privately-held Camden Partners' portfolio companies. During the last five years Mr. Johnston previously served as director of privately-held LipoScience Inc. and Pet DRx Corporation, a publicly-held company. From 1961 to 2000, Mr. Johnston was employed by The Hillman Company, an investment holding company with diversified operations, where he served from 1970 to 2000 as Vice President, Investments and as a director. From 1979 to 2003, Mr. Johnston was Chairman of the Board of The Western Pennsylvania Hospital and its successors, The Western Pennsylvania Healthcare System and West Penn Allegheny Health System. Mr. Johnston received his B.S. from Washington and Lee University and his M.B.A. from The Wharton School, University of Pennsylvania. Mr. Johnston's service as a director of several medical and surgical device companies and chairman of a large healthcare system provides him insight into the high-level corporate governance, executive compensation and business management matters that the Company and the Board consider on a regular basis.

Mark A. Collar. Mr. Collar, 57, has served as one of our directors since February 2008. Mr. Collar retired in 2008 as an executive of the Procter and Gamble Company, where his roles included President of the Global Pharmaceuticals and Personal Health business. Mr. Collar joined Procter and Gamble in 1975 as a sales representative and assumed roles of progressive responsibility within their Health and Personal Care, Beauty Care, New Business Development and Personal Health Care products divisions. Mr. Collar joined Procter and Gamble's Pharmaceuticals division in 1994 and was named President of Global Pharmaceuticals in 2002. Mr. Collar is currently a partner at Triathlon Medical Ventures, a Midwest-based life science venture capital firm, and a director of First Financial Bancorp, a publicly-held bank holding company. Mr. Collar received his B.S. from Northern Illinois University. Mr. Collar's experience as a public company executive and Board member provides him insight into high-level corporate governance and business management matters, which the Board considers on a regular basis.

*David J. Drachman.* Mr. Drachman, 51, has served as President, Chief Executive Officer and a director since October 2002. From 2000 to 2002, Mr. Drachman served as President of Impulse Dynamics N.V., a development stage medical device company focusing on implantable electrical solutions for the treatment of heart failure, diabetes and eating disorders. From 1997 to 1999, Mr. Drachman served in a variety of positions,

including Vice President of Strategic Development at Biosense Webster, Inc., a Johnson & Johnson, Inc. subsidiary that designs and manufactures diagnostic and therapeutic cardiac catheters. In addition, Mr. Drachman has also served in a variety of positions at Ventritex, Inc. and Boston Scientific Corporation. Mr. Drachman received his B.A. from the University of Louisville and holds a North American Society of Pacing and Electrophysiology certification in Electrophysiology, Cardiac Pacing and Defibrillation. Mr. Drachman's position as the President and Chief Executive Officer of the Company gives him unique insights into the Company's business operations and corporate strategy, from which the Board uniquely benefits as result of his service as a director. Mr. Drachman also has experience with health care compliance issues central to the Company given that it operates in the surgical and medical device industry.

Donald C. Harrison, M.D. Dr. Harrison, 76, has served as one of our directors since November 2000. Since 2003, Dr. Harrison has served as a managing director of Charter Life Sciences, L.P., a venture capital investment firm. He also serves as a director of several public and private companies, including Kendle International, a publicly-held clinical research company, UMD, Inc., a privately-held medical device company he founded, EnteroMedics, Inc., a publicly-held developer of medical devices for the treatment of obesity and gastrointestinal disorders and CoRepair, Inc., a privately-held heart failure company. From 1986 to 2003, Dr. Harrison served in various capacities at the University of Cincinnati Medical Center, including Chief Executive Officer, Senior Vice President and Provost for Health Affairs. Dr. Harrison has previously served as a director of various publicly-held companies, including EP Technology, Inc., Novoste Corporation, InControl, Inc. and SciMed, Inc. From 2000 to 2003, Dr. Harrison served as a director of Enable Medical Corporation, a developer and manufacturer of surgical instruments that AtriCure acquired on August 10, 2005. From 1968 to 1986, Dr. Harrison served as co-director of the Falk Cardiovascular Research Center in Stanford, California, Professor of Medicine and William G. Irwin Professor of Cardiology at Stanford University School of Medicine and Chief of Cardiology at Stanford University Hospital. Dr. Harrison received his B.S. from Birmingham Southern College and his M.D. from the University of Alabama College of Medicine. Dr. Harrison is a long-time member of and prominent figure in the medical and surgical device industry and has broad experiences in various healthcare-related fields, including time spent as a practicing cardiologist. As a former chief executive, Dr. Harrison also brings unique perspectives on business operations and financial matters.

Michael D. Hooven. Mr. Hooven, 54, is one of our founders and has served as a director since August 2002 and as a consultant during 2007 and 2009. From August 2002 through December 2006, Mr. Hooven served as Chief Technology Officer and from August 2002 through February 2005 he served as Chairman of the Board. From November 2000 to August 2002, he served as our President and Chief Executive Officer. Mr. Hooven is currently President and Chief Executive Officer of Enable Medical Technologies, LLC, a start-up business focusing on opportunities in minimally invasive surgery. Since 1994 until its acquisition, Mr. Hooven served as Chairman of the Board, and has previously served as President and Chief Executive Officer of Enable Medical Corporation, a developer and manufacturer of surgical instruments that Mr. Hooven co-founded and that AtriCure acquired on August 10, 2005. Mr. Hooven is also a director of BioOhio, a non-profit organization which promotes the acceleration and growth of life science companies in Ohio. From 1986 to 1994, Mr. Hooven served as Director of New Product Development at Ethicon Endo-Surgery, Inc., a developer and manufacturer of minimally invasive surgical instruments. In addition, Mr. Hooven has also served in a variety of positions at Cordis Corporation and Siemens Medical of Siemens AG. Mr. Hooven received his B.S. and M.S. from the University of Michigan. As the founder of our Company, Mr. Hooven possesses a familiarity with respect to its operating history and, as a founder and senior executive of, and consultant to, several other companies in the medical and surgical device industry, he brings to the Board an industry-wide perspective that can be utilized in evaluating and improving the Company's competitive position.

*Elizabeth D. Krell, Ph.D.* Dr. Krell, 61, has served as one of our directors since June 2006. Dr. Krell is currently a private consultant on matters pertaining to FDA-regulated products, as well as FDA policies and procedures. From 2003 to 2004, she served as the Executive Vice President for Technology and Regulatory Affairs at the Advanced Medical Technology Association (AdvaMed), the largest trade association for medical device manufacturers. From 1975 to 2001, she served in the FDA, starting as a bench researcher and ending in

the FDA's top science job as the Acting Senior Advisor for Science, advising the Commissioner and other top FDA officials on science and science management. Dr. Krell served from 1990 to 2001 as the Deputy Director for Science, in the FDA's Center for Devices and Radiological Health (CDRH). In this job she provided executive leadership in the development of programs to assure the safety and effectiveness of medical devices and diagnostic products, and the reduction of population exposure to radiation emitted from medical, industrial and consumer products. Previously, she directed CDRH's science and engineering labs. Dr. Krell received her B.A. from S.U.N.Y. Binghamton and her Ph.D. from Georgetown University. Dr. Krell brings valuable risk assessment and healthcare compliance skills to the Board as a result of her experience designing safety and effectiveness programs as well as familiarity with many aspects of the FDA's policies and procedures, which plays an important part in the Company's business.

Mark R. Lanning, C.P.A. Mr. Lanning, 55, has served as one of our directors since February 2006. Mr. Lanning currently serves as Vice President, Investor Relations and Treasurer of Hillenbrand, Inc., a diversified leader in the funeral services and materials handling industries. Prior to joining Hillenbrand in 1988, Mr. Lanning spent twelve years in various accounting positions with Ernst & Whinney (now Ernst & Young). Mr. Lanning, a Certified Public Accountant, also currently serves as immediate past Chairman of the Indiana CPA Society. Mr. Lanning received his B.S. in Accounting from Ball State University. As a certified public accountant, Mr. Lanning developed significant experience in preparing, auditing, analyzing and evaluating financial statements and dealt with broad and complex accounting issues comparable to those of the Company, which qualifies him as an "audit committee financial expert" under SEC rules.

Karen P. Robards. Ms. Robards, 60, has served as one of our directors since November 2000. Since 1987, Ms. Robards has been a partner of Robards & Company, LLC, a financial advisory firm. From 1976 to 1987, Ms. Robards was an investment banker at Morgan Stanley where she headed its healthcare investment banking activities. Ms. Robards served as a director of Enable Medical Corporation, a developer and manufacturer of surgical instruments, from 1996 to 2005, which we acquired on August 10, 2005. Ms. Robards currently serves as a Director and Vice Chair of the Board of over 100 NYSE traded closed end mutual funds managed by BlackRock, Inc. Ms. Robards also serves as a director of Care Investment Trust, a publicly-held real estate investment trust focusing on investment opportunities in the healthcare industry. Ms. Robards is a founder and director of the Cooke Center for Learning & Development, a not-for-profit educational organization in New York City. Ms. Robards received her B.A. from Smith College and her M.B.A. from Harvard Business School. The Board believes that, being publicly-traded, the Company benefits from Ms. Robards' substantial knowledge and experience in the areas of corporate finance and capital markets, most of which was gained within the healthcare field. Ms. Robards also qualifies as an "audit committee financial expert" under SEC rules due to her experience in analyzing financial statements in her professional career and her membership on other public company audit committees.

#### **Board of Directors' Recommendation**

THE BOARD RECOMMENDS THAT YOU VOTE FOR EACH OF THE EIGHT NOMINEES FOR DIRECTOR LISTED ABOVE.

#### CORPORATE GOVERNANCE AND BOARD MATTERS

# Independence of the Board

The Nasdaq Stock Market ("Nasdaq") listing standards require that a majority of the members of a listed company's board of directors qualify as "independent," as affirmatively determined by the board of directors. Our Board consists of the following eight directors: Richard M. Johnston (Chairman), Mark A. Collar, David J. Drachman, Donald C. Harrison, M.D., Michael D. Hooven, Elizabeth D. Krell, Ph.D., Mark R. Lanning and Karen P. Robards. Our Board has affirmatively determined that each of the directors and nominees other than

David J. Drachman, our President and Chief Executive Officer and Michael D. Hooven, who has been employed by and a consultant to us, are independent directors under the listing standards established by Nasdaq. See "Certain Relationships and Related Party Transactions" below.

As required under the Nasdaq listing standards, our non-management directors meet in regularly scheduled executive sessions at which only independent directors are present.

#### **Committees of the Board**

Our Board has three standing committees: the Audit Committee, the Compensation Committee and the Nominating and Corporate Governance Committee. Each committee has a written charter which is available on our website at www.atricure.com under "Investor Relations-Corporate Governance." From time to time, our Board may also appoint committees for special purposes. The table below provides the membership of each of the committees, with further discussion on each committee and its function below the table.

			Nominating and Corporate
Name	<u>Audit</u>	Compensation	Governance
<u>Name</u> Mr. Collar			X
Dr. Harrison, M.D.	X		X
Mr. Johnston		X	C
Dr. Krell, Ph.D			X
Mr. Lanning	C*	X	
Ms. Robards	X*	С	

C = Chair

Audit Committee. Our Audit Committee currently consists of Mark R. Lanning (Chair), Donald C. Harrison, M.D. and Karen P. Robards. Our Audit Committee is responsible for overseeing our financial controls, audit and reporting and reviews with our management and our independent auditors the effectiveness of our internal control over financial reporting and accounting and reporting practices and procedures. In addition, this Committee reviews the qualifications of our independent auditors, is responsible for their appointment, compensation, retention and oversight and reviews the scope, fees and results of activities related to audit and non-audit services. Our Board has determined that each member of the Audit Committee meets the independence and financial literacy requirements of the Nasdaq rules and the independence requirements of the SEC. Our Board has also determined that Mark R. Lanning and Karen P. Robards each qualify as an "audit committee financial expert," as defined in SEC rules.

Compensation Committee. Our Compensation Committee currently consists of Karen P. Robards (Chair), Richard M. Johnston and Mark R. Lanning. The Compensation Committee's principal responsibilities are to assist the Board in overseeing the Company's management compensation policies and practices, including to determine and approve the compensation of our Chief Executive Officer, review and approve compensation levels for our other executive officers, review and approve management incentive compensation policies and programs, review and approve equity compensation programs for employees and exercise discretion in the administration of those programs, review with management our disclosures under "Compensation Discussion and Analysis," or CD&A, and produce an annual report on executive compensation that contains a recommendation with respect to inclusion of the CD&A in our filings with the SEC. The composition of the Compensation Committee satisfies the independence requirements of Nasdaq.

Nominating and Corporate Governance Committee. Our Nominating and Corporate Governance Committee currently consists of Richard M. Johnston (Chair), Mark A. Collar, Donald C. Harrison, M.D. and Elizabeth D. Krell, Ph.D. The Nominating and Corporate Governance Committee is responsible for reviewing and making

<sup>\* =</sup> Board designated "audit committee financial expert" under SEC rules.

recommendations on the composition of our Board and selection of directors, periodically assessing the functioning of our Board and its committees, overseeing certain regulatory compliance issues in connection with our Corporate Integrity Agreement between the Office of Inspector General of the Department of Health and Human Services, and making recommendations to our Board regarding corporate governance matters and practices. The composition of the Nominating and Corporate Governance Committee satisfies the independence requirements of Nasdaq.

#### Meetings of the Board and Committees of the Board

During 2009, the Board held five meetings and took action in writing on five occasions. The Audit Committee held nine meetings, the Compensation Committee held five meetings and the Nominating and Corporate Governance Committee held three meetings.

Our directors are strongly encouraged to attend the Company's annual meeting of stockholders. All of our directors attended the 2009 Annual Meeting, as well as at least 75% of the aggregate of all Board meetings and all meetings of Committees on which such directors served during 2009.

#### **Consideration of Director Nominees**

Stockholder Nominations and Recommendations. As described above in the Question and Answer section under "What is the deadline to propose actions for consideration at next year's meeting of stockholders or to nominate individuals to serve as directors?," our Bylaws set forth the procedure for the proper submission of stockholder nominations for membership on our Board. In addition, the Nominating and Corporate Governance Committee may consider properly submitted stockholder recommendations (as opposed to formal nominations) for candidates for membership on the Board. A stockholder may make such a recommendation by submitting the following information to our Secretary at 6217 Centre Park Drive, West Chester, Ohio 45069: the candidate's name, age, home and business contact information, principal occupation or employment, the class and number of shares of AtriCure stock beneficially owned, information regarding any relationships, arrangements or understandings between the candidate and AtriCure, and any other information relating to the candidate that is required to be disclosed in the solicitation of proxies for election of directors or is otherwise required, including the candidate's written consent to being named in the proxy statement, if any, as a nominee and to serving as a director if elected.

Director Qualifications. Members of our Board should have the highest professional and personal ethics and values, and conduct themselves consistent with our Code of Business Conduct and Ethics. Other than an age limit of 75 for election of directors set by our Board, the Nominating and Corporate Governance Committee has not established specific minimum qualifications for director candidates. The Board determined to waive the age limit for Richard M. Johnston and Donald C. Harrison, M.D., with respect to election at the meeting because of the Board's determination that their knowledge and insight continue to benefit the Board and enhance overall Board effectiveness. The Committee believes that candidates and nominees must reflect a Board that is comprised of directors who (i) are predominantly independent, (ii) are of high integrity, (iii) have qualifications that will increase overall Board effectiveness, and (iv) meet other requirements as may be required by applicable rules, such as financial literacy or financial expertise with respect to audit committee members.

Identifying and Evaluating Director Nominees. Typically new candidates for nomination to our Board are suggested by existing directors or by our executive officers. However, candidates may also come to the attention of our Board through professional search firms, stockholders, or other persons. The Nominating and Corporate Governance Committee will carefully review the qualifications of any candidates who have been properly brought to its attention. Such review may, in the Committee's discretion, include a review solely of information provided to the Committee or may also include discussions with persons familiar with the candidate, an interview with the candidate or other actions that the Committee deems proper. The Committee will consider the suitability of each candidate, including the current members of our Board, in light of the current size and composition of the

Board. In evaluating the qualifications of the candidates, the Committee considers many factors including issues of character, judgment, independence, age, expertise, diversity of experience, length of service, other commitments and the like. The Committee evaluates such factors, among others, and does not assign any particular weighting or priority to any of these factors nor does the Committee have a formal policy with respect to diversity. Candidates properly recommended by stockholders are evaluated by the independent directors using the same criteria as other candidates.

#### **Director Compensation**

We pay an annual retainer, quarterly in advance, to our non-employee directors of \$20,000. We also pay an additional fee of \$25,000 to the Chairman of the Board, \$10,000 to the Chairman of the Audit Committee and \$5,000 to the Chairperson of the Compensation and Nominating and Governance Committees. Non-employee directors also receive a fee for each Board meeting of \$1,500 for in-person attendance and \$500 for participation by telephone and a fee for each Committee meeting of \$750 for in-person attendance and \$350 for participation by telephone. In February 2009, the Board determined that all remaining quarterly annual retainer payments during 2009 would be made in shares of restricted stock, vesting one year after grant, as opposed to in cash. The Board's determination was based on a desire to preserve company liquidity and better align the interests of the Board with stockholders. For 2010, the Company intends to pay all Board and Committee retainers and meeting fees in cash.

Upon joining our Board, each non-employee director receives an initial grant of 50,000 stock options, which vest one-fourth on each of the first four anniversaries of the date of the grant. Annually, concurrent with each annual meeting of stockholders, each of our non-employee directors who has been a director for at least six months receives 10,000 stock options, which vest one-third on the earlier of each anniversary of the date of the grant or the annual meeting of stockholders that year. Options granted to non-employee directors have a term of 10 years and an exercise price equal to the fair market value on the date of grant.

#### **Director Compensation Table**

The following table summarizes compensation earned by our non-employee directors for the year ended December 31, 2009.

N.	Fees Earned or Paid in	Stock Awards (\$)	Option Awards (\$)	m . 1
Name_	Cash (\$) <sup>(1)</sup>			Total
Richard M. Johnston	25,150	37,496	15,101	77,747
Mark A. Collar	13,600	14,995	15,101	43,696
Donald C. Harrison, M.D.	18,000	14,995	15,101	48,096
Michael D. Hooven	11,350	14,995	15,101	41,446
Elizabeth D. Krell, Ph.D.	13,600	14,995	15,101	43,696
Mark R. Lanning	21,600	22,495	15,101	59,196
Karen P. Robards	20,700	18,748	15,101	54,549

Amounts do not include 2009 retainer fees paid in restricted stock.

# **Corporate Governance Guidelines**

The Board has adopted Corporate Governance Guidelines to promote the effective functioning of the Board and its Committees, to promote the interests of stockholders and to create a common set of expectations as to how the Board, its Committees, individual directors and management should perform their respective functions.

Amounts in the stock awards and option awards columns represent the aggregate grant date fair value of restricted stock awards and option awards computed, as of each award date, in accordance with Financial Accounting Standards Board (FASB) Accounting Standards Codification 718, "Compensation—Stock Compensation" (ASC 718).

The Board believes that ethics and integrity cannot be legislated or mandated by directive or policy and that the ethics, character, integrity and values of our directors and management remain a critical safeguard in quality corporate governance. The Corporate Governance Guidelines establish the practices the Board will follow with respect to, among other practices, board composition and selection of board nominees, director responsibilities, chief executive officer evaluation, management development and succession planning, director compensation, board committees and annual board and committee performance evaluations. A copy of the Corporate Governance Guidelines is available on our website at www.atricure.com under "Investor Relations—Corporate Governance."

#### **Code of Business Conduct and Ethics**

AtriCure is committed to maintaining the highest standards of business conduct and ethics. Our Code of Business Conduct and Ethics reflects our values and the business practices and principles of behavior that support this commitment. Our Code of Business Conduct and Ethics is an integral part of our business conduct compliance program and embodies our commitment to conduct operations in accordance with the highest legal and ethical standards. The Code of Business Conduct and Ethics applies to all of our officers, directors and employees and is supplemented by an additional Code of Ethics which is applicable to our Chief Executive Officer, our Senior Financial Officers and other financial personnel. Each officer, director and employee is responsible for understanding and complying with the Code of Business Conduct and Ethics. Each Code is available on our website at www.atricure.com under "Investor Relations—Corporate Governance." We will post any amendments to either Code, as well as any waivers that are required to be disclosed by the rules of the SEC or Nasdaq, on our website.

We have also adopted and implemented voluntary standards established by the Advanced Medical Technology Association (AdvaMed), a United States trade association for medical device manufacturers, governing interactions between medical device manufacturers and healthcare professionals known as the AdvaMed Code of Ethics on Interactions with Health Care Professionals (AdvaMed Code). These standards are intended to ensure that such interactions are transparent and comply with applicable laws, regulations and government guidance. The standards address interactions related to sales and marketing practices, research and development, product training and education, grants and charitable contributions, support of third-party educational conferences, and consulting arrangements.

#### **Compensation Committee Interlocks and Insider Participation**

During 2009 and through the date of this proxy statement, none of the members of our Compensation Committee was or is an officer or employee of the Company, has or had any relationship with the Company requiring disclosure under Item 404 of Regulation S-K and no executive officer of the Company served or serves on the compensation committee or board of any company that employed or employs any member of the Company's Compensation Committee or Board of Directors.

#### **Certain Relationships and Related Party Transactions**

Our Audit Committee charter provides that the Audit Committee will review and discuss with management potential transactions with related parties. Related party transactions requiring Audit Committee approval include transactions that are significant in size and transactions that involve terms or aspects that differ from those which would be entered into between independent parties.

We entered into a Development Agreement effective February 1, 2009 with Enable Medical Technologies, LLC. The principal of Enable Medical Technologies is Michael D. Hooven, who is also one of our directors and co-founders. The Development Agreement provided that Enable Medical Technologies would develop new technologies and procedures. The Development Agreement terminated pursuant to its terms on July 31, 2009. The Development Agreement prohibited, for one year following the completion of the term, Mr. Hooven from

competing with us in the U.S. and from soliciting any of our employees or independent contractors to leave, or cease rendering services to us. We paid Enable Medical Technologies a total of \$239,856 in fees and expenses under this agreement in 2009.

#### **Communications with the Board of Directors**

Stockholders are invited to communicate to the Board or its committees by writing to: AtriCure, Inc., Chairman of the Board of Directors or the Chair of a Board committee, 6217 Centre Park Drive, West Chester, Ohio 45069. All such stockholder communications will be forwarded to the specific director or directors to whom the communications are addressed.

#### **Board Leadership Structure**

The Company has separated the Chief Executive Officer and Board Chairman positions. Mr. Johnston serves as our Chairman of the Board and presides over Board meetings and provides the Company with the benefit of his strategic and creative vision, an appreciation for and understanding of the risks associated with the Company's business and an intimate knowledge of the Company's technologies and the medical device industry. Mr. Drachman serves as our Chief Executive Officer and provides the Company with the benefit of his extensive knowledge of the Company's operations, an understanding of the day-to-day challenges faced by companies in the medical device industry and his business and financial know-how.

The Board currently believes that, at this time, based on the skills and responsibilities of the various Board members and management, and in light of the general economic, business and competitive environment facing the Company, the separation of the Chairman and Chief Executive Officer roles enhances appropriate oversight of management by the Board, Board independence, the accountability to our stockholders by the Board and our overall leadership structure. Furthermore, the Board believes that maintaining separation of the Chairman function from that of the Chief Executive Officer allows the Chief Executive Officer to properly focus on managing the business, rather than requiring a significant portion of his efforts to be spent on also overseeing Board matters.

# **Board's Role in Risk Oversight**

The Board maintains oversight responsibility for the management of the Company's risks and closely monitors the information it receives from management to provide oversight and guidance to our management team concerning the assessment and management of risk. The Board approves the Company's high level goals, strategies and policies to set the tone and direction for appropriate levels of risk taking within the business.

The Board has delegated oversight for matters involving certain specific areas of risk exposure to its committees. Each committee reports to the Board of Directors at regularly scheduled Board meetings, and more frequently if appropriate, with respect to the matters and risks for which the committee provides oversight.

The Audit Committee oversees the integrity of our financial statements, risks related to our financial reporting process and internal controls, the independent auditors' qualifications, independence and performance, and the Company's corporate finance matters. The role of the Audit Committee includes receiving, at least annually, a discussion of the major risk exposures identified by senior management, the key strategic plan assumptions considered during the assessment and steps implemented to monitor and mitigate such exposures on an ongoing basis.

Our Compensation Committee is responsible primarily for the design and oversight of the Company's executive compensation policies, plans and practices. A key objective of the Compensation Committee is to ensure that the Company's overall executive compensation program appropriately links pay to performance and aligns the interests of the Company's executives with its stockholders.

The Nominating and Corporate Governance Committee oversees risks related to our corporate governance, including Board and director performance, director succession and the Company's Corporate Governance Guidelines and other governance documents.

#### PROPOSAL TWO—RATIFICATION OF APPOINTMENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

The Audit Committee of the Board has selected Deloitte & Touche LLP as the independent registered public accounting firm to perform the audit of the Company's financial statements for the year ending December 31, 2010. Deloitte & Touche LLP has audited the Company's financial statements since 2002.

The Board is asking the stockholders to ratify the selection of Deloitte & Touche LLP as the Company's independent registered public accounting firm for 2010. Although not required by law, the rules of Nasdaq, or the Company's Bylaws, the Board is submitting the selection of Deloitte & Touche LLP to the stockholders for ratification as a matter of good corporate practice. If the stockholders fail to ratify the selection, the Audit Committee may reconsider whether it should appoint another independent registered public accounting firm. Even if the selection is ratified, the Audit Committee, in its discretion, may select a different registered public accounting firm at any time during the year if it determines that such a change would be in the best interests of the Company and its stockholders.

Representatives of Deloitte & Touche LLP are expected to be present at the meeting. They will have an opportunity to make a statement if they desire to do so and will be available to respond to appropriate questions from the Company's stockholders.

#### **Board of Directors' Recommendation**

THE BOARD RECOMMENDS THAT YOU VOTE FOR THE RATIFICATION OF THE SELECTION OF DELOITTE & TOUCHE LLP AS THE COMPANY'S INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM FOR 2010.

#### **Audit and Non-Audit Services**

The Audit Committee is directly responsible for the appointment, compensation and oversight of the Company's independent auditor. In addition to retaining Deloitte & Touche LLP to audit the Company's financial statements for 2009, the Audit Committee retained Deloitte & Touche LLP to provide audit-related services and certain other services in 2009. The Audit Committee understands the need for Deloitte & Touche LLP to maintain objectivity and independence in its audits of the Company's financial statements. The Audit Committee has reviewed all non-audit services provided by Deloitte & Touche LLP in 2009 and has concluded that the provision of such services was compatible with maintaining Deloitte & Touche LLP's independence in the conduct of its auditing functions.

The aggregate fees billed or to be billed by Deloitte & Touche LLP for audit services provided to the Company for 2009 and 2008 and billed related to other services provided during 2009 and 2008 were as follows:

Service Category	2009	2008
Audit Fees	\$ 342,000	\$ 391,639
Audit-Related Fees	1,145	20,185
Tax Fees	<del>-</del>	47,615
All Other Fees	<u> </u>	_
Total	\$ 343,145	\$ 459,439

In the above table, in accordance with the SEC's definitions and rules, "audit fees" are fees for professional services and reimbursement for out of pocket expenses for the audit of a company's financial statements, and for services that are normally provided by the accountant in connection with statutory and regulatory filings or engagements; "audit-related fees" are fees for assurance and related services that are reasonably related to the

performance of the audit or review of a company's financial statements, as well as fees associated with the audit of our employee benefit plan; "tax fees" are fees for tax compliance, tax advice and tax planning; and "all other fees" are fees for any services not included in the first three categories.

# **Pre-Approval Policies and Procedures**

To help ensure the independence of our independent registered public accounting firm, all audit and permitted non-audit services, including the fees and terms thereof, to be performed by our independent registered public accounting firm must be approved in advance by the Audit Committee, as a Committee or the Committee may delegate to one or more of its members the authority to grant the required approvals.

# SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT

The following table sets forth certain information relating to the beneficial ownership, calculated in accordance with SEC rules, of AtriCure common stock as of the Record Date by each of our executive officers named in the Summary Compensation Table set forth below, each of our directors, all of our directors and executive officers as a group and each stockholder known by us to own beneficially more than 5% of our common stock.

Other than with respect to executive officers and directors of the Company, the information provided below has been obtained by such beneficial owner's most recent Schedule 13G filed with the SEC.

		Beneficial Ownership		
Beneficial Owner	Shares	Options Exercisable Within 60 Days	Percent of Class	
Holders of More Than 5%		<u></u>		
U.S. Venture Partners <sup>(1)</sup> 2735 Sand Hill Road Menlo Park, CA 94025	2,252,745	_	14.6%	
Kairos Partners III Limited Partnership <sup>(2)</sup> 600 Longwater Drive Norwell, MA 02061	1,200,025	_	7.8%	
Camden Partners <sup>(3)</sup> 500 East Pratt Street, Suite 1200 Baltimore, MD 21202	1,038,379	66,668	7.1%	
Norman R. Weldon <sup>(4)</sup> 6 Ocean Club Drive Amelia Island, FL 32034	855,462	10,000	5.6%	
Michael D. Hooven <sup>(5)</sup> 7778 Bennington Dr. Cincinnati, OH 45241	798,269	16,668	5.3%	
Named Executive Officers				
David J. Drachman	175,262	549,538	4.5%	
Julie A. Piton	103,155	99,687	1.3%	
Stewart W. Strong	25,850	62,721	*	
Salvatore Privitera	72,026	85,240	1.0%	
James L. Lucky	52,705	57,274	*	
Directors and Nominees				
Mark A. Collar	13,262	28,334	*	
Donald C. Harrison, M.D.	198,741	77,983	1.8%	
Michael D. Hooven <sup>(4)</sup>	798,269	16,668	5.3%	
Richard M. Johnston <sup>(3)</sup>	1,038,379	66,668	7.1%	
Elizabeth D. Krell, Ph.D.	5,162	54,168	*	
Mark R. Lanning	13,994	66,668	*	
Karen P. Robards	294,628	70,615	2.4%	
All executive officers and directors as a group (12 persons)	2,822,113	1,297,838	24.6%	

<sup>\*</sup> Indicates ownership of less than 1%.

(1) Consists of 2,202,444 shares held by

Consists of 2,202,444 shares held by U.S. Venture Partners VIII, L.P.; 17,031 shares held by USVP VIII Affiliates Fund, L.P.; 21,653 shares held by USVP Entrepreneur Partners VIII-A, L.P. and 11,617 shares

held by USVP Entrepreneur Partners VIII-B, L.P. Presidio Management Group VIII, LLC is the general partner of U.S. Venture Partners VIII, L.P., USVP VIII Affiliates Fund, L.P., USVP Entrepreneur Partners VIII-A, L.P. and USVP Entrepreneur Partners VIII-B, L.P. The managing members of Presidio Management Group VIII, LLC are Timothy Connors, Irwin Federman, Winston Fu, Steven Krausz, David Liddle, Jonathan Root, Christopher Rust and Philip Young and each may be deemed to share voting and investment power with respect to the securities held by these entities and disclaims beneficial ownership of the securities held by these entities, except as to his pecuniary interest therein.

- Each of John F. White, James F. Rice, Kenneth L. Wolfe and Foster L. Aborn is a member of the investment committee of Kairos Partners III Limited Partnership.
- Consists of 969,225 shares held by Camden Partners Strategic Fund II-A, L.P., 57,496 shares held by Camden Partners Strategic Fund II-B, L.P. and 43,335 shares underlying options held by Mr. Johnston. Camden Partners Strategic II, LLC is the general partner of Camden Partners Strategic Fund II-A, L.P. and Camden Partners Strategic Fund II-B, L.P. Richard M. Johnston, David L. Warnock, Richard M. Berkeley and Donald W. Hughes each may be deemed to share voting and investment power with respect to the securities held by these entities and disclaims beneficial ownership of the securities held by these entities, except as to his pecuniary interest therein.
  - Consists of 97,368 shares held by Norman R. Weldon; 391,718 shares held by The Weldon Foundation (the "Foundation"); 149,250 shares held by Partisan Management Group, Inc. ("Partisan"); 117,126 shares held by Carol J. Weldon, his wife; and 100,000 shares held by Weldon Consulting. Dr. Weldon is the treasurer and a director of the Foundation, a managing director of Partisan and sole proprietor of Weldon Consulting. Dr. Weldon may be deemed to share voting and investment power with respect to the shares held by his wife, Weldon Consulting, the Foundation and Partisan, and Dr. Weldon disclaims beneficial ownership of these shares except as to his pecuniary interest therein. Dr. Weldon's wife may be deemed to share voting and investment power with respect to the shares held by Dr. Weldon and Weldon Consulting, and she disclaims beneficial ownership of these shares except as to her pecuniary interest therein.
- Includes 334,211 shares held by a trust for the benefit of Mr. Hooven (the Michael D. Hooven 2004 Trust FBO Michael); 102,577 shares held by Mr. Hooven; 334,211 shares held by a trust for the benefit of Susan Spies, Mr. Hooven's wife (the Michael D. Hooven 2004 Trust FBO Susan Spies); 8,157 shares held by Ms. Spies; and 18,421 shares held by a trust for the benefit of Mr. Hooven's son (the Susan Spies 2004 Children's Trust). Mr. Hooven serves as the trustee of the trust for the benefit of himself and for the Susan Spies 2004 Children's Trust. Mr. Hooven may be deemed to share voting and investment power with respect to the shares held by the trust for the benefit of his wife, the shares held by his wife and the shares held by the Susan Spies 2004 Children's Trust, and Mr. Hooven disclaims beneficial ownership of these shares, except as to his pecuniary interest therein. Ms. Spies may be deemed to share voting and investment power with respect to the shares held by the trust for the benefit of Mr. Hooven, and the shares held by the Susan Spies 2004 Children's Trust, and she disclaims beneficial ownership of these shares, except as to her pecuniary interest therein.

#### MANAGEMENT

Our directors, nominees for director and executive officers are set forth below. Information regarding our directors and director nominees is set forth above under "Proposal One—Election of Directors—Biographical Information of Directors and Director Nominees."

<u>Name</u>	Age	<u>Position</u>
Richard M. Johnston	75	Chairman of the Board
Mark A. Collar	57	Director
David J. Drachman	51	President, Chief Executive Officer and Director
Donald C. Harrison, M.D.	76	Director
Michael D. Hooven	54	Director
Elizabeth D. Krell, Ph.D.	61	Director
Mark R. Lanning, C.P.A.	55	Director
Karen P. Robards	60	Director
Julie A. Piton, C.P.A.	38	Vice President, Finance and Administration and Chief Financial Officer
James L. Lucky	48	Vice President, Regulatory Affairs and Quality Assurance
Frederick C. Preiss	59	Vice President, Operations
Salvatore Privitera	43	Vice President, Engineering and Product Development
Stewart W. Strong	43	Vice President, U.S. Sales

*Julie A. Piton, C.P.A.* has served as our Vice President, Finance and Administration and Chief Financial Officer since January 2007. From 1999 to 2007, Ms. Piton held various financial executive positions with School Specialty, Inc., a publicly-held supplier, publisher and manufacturer of educational products to the pre K-12 market, including Vice President of Finance and Investor Relations, Corporate Controller, Vice President Finance and divisional Chief Financial Officer. Prior to joining School Specialty, Ms. Piton held various financial management positions with Sensient Technologies and Schneider National and was a Senior Auditor for Deloitte & Touche LLP. Ms. Piton received her B.A. and her Masters in Business Administration from the University of Wisconsin.

James L. Lucky has served as our Vice President, Regulatory Affairs and Quality Assurance since February 2008, having previously served as our Vice President, Quality Assurance and Healthcare Compliance since January 2004. From 1997 to 2004, Mr. Lucky served as Vice President of Quality Assurance and Regulatory Affairs for the medical segment of Teleflex, Inc., a publicly-held designer and manufacturer of specialty engineered devices for various industries. Prior to that position, Mr. Lucky held a number of quality assurance positions in the medical device industry, including at Ethicon Endo-Surgery, Inc., Bristol-Myers Squibb Company and Parker Hannifin Corp. Mr. Lucky received his B.S. from Western Michigan University, his M.S. from North Carolina State University and his Masters in Business Administration from Duke University.

Frederick C. Preiss has served as our Vice President, Operations since May 2005. From 2002 to 2005, Mr. Preiss served as Vice President of Operations, OEM of Teleflex Medical, a medical device manufacturer and subsidiary of Teleflex, Inc., a publicly-held designer and manufacturer of specialty engineered devices for various industries. From 1998 to 2002, Mr. Preiss served as Vice President of Operations of Regeneration Technologies, a tissue-based biotechnology company. Prior thereto, Mr. Preiss held a number of responsible positions relating to operations, manufacturing, engineering and purchasing at various companies, including Wright Medical Technology, United States Surgical Corporation and Cyromedics, Inc. Mr. Preiss received his B.S. from the University of New Haven.

*Salvatore Privitera* has served as our Vice President, Engineering and Product Development since May 2009 and previously served as Vice President, Business Development and Research from May 2007 to May 2009 and as Vice President, Product Development from October 2003 to May 2007 and in the same capacity during

2000 and 2001. From 2001 to 2003, Mr. Privitera served as Director of Product Development for Ethicon Endo-Surgery, a developer and manufacturer of minimally invasive surgical instruments. Mr. Privitera has over 15 years of medical product development experience and has been associated with the release of over 40 medical devices in the fields of cardiac surgery, laparoscopic general surgery, breast biopsy and sedation. He is a named inventor on over 30 issued and filed U.S. patents. Mr. Privitera is an adjunct professor at the University of Cincinnati. He received his B.S. from the University of Buffalo, his Masters in Business Administration from Xavier University and is pursuing his J.D. from Chase College of Law.

Stewart W. Strong has served as our Vice President, United States Sales since June 2007, having previously served as Vice President, Eastern United States Sales, Northeast Area Sales Director and Regional Sales Manager since joining AtriCure in October 2003. Mr. Strong has over 10 years of cardiac and general surgery sales experience. Prior to joining AtriCure, Mr. Strong held sales positions with the Heart Valve Division of Medtronic, Inc. and Johnson and Johnson's Ethicon Endo-Surgery division. Mr. Strong received his B.A. from the University of Connecticut.

# **COMPLIANCE WITH SECTION 16(a) FILING REQUIREMENTS**

Section 16(a) of the Exchange Act requires our directors, executive officers and beneficial owners of more than 10% of our common stock to file with the SEC reports regarding their ownership and changes in ownership of our common stock. Such persons are required by SEC regulations to furnish us with copies of all Section 16(a) forms they file.

Based solely on our examination of the copies of such forms received by us, or written representations from reporting persons, that no Forms 3, 4 or 5 were required of such persons, we believe that during our year ended December 31, 2009, our directors, executive officers and 10% stockholders complied with all Section 16(a) filing requirements.

#### REPORT OF THE AUDIT COMMITTEE OF THE BOARD OF DIRECTORS

Management has the primary responsibility for maintaining effective internal control over financial reporting and for preparing AtriCure's consolidated financial statements. AtriCure's independent registered public accounting firm is responsible for performing independent audits of AtriCure's consolidated financial statements in accordance with the standards of the Public Company Accounting Oversight Board (United States). The Audit Committee's responsibilities include monitoring and oversight of corporate accounting and financial reporting processes on behalf of the Board of Directors. In fulfilling its responsibilities, the Audit Committee reviewed with management the audited financial statements included in AtriCure's Annual Report on Form 10-K, including a discussion of significant accounting principles, the reasonableness of significant estimates and judgments made in preparing the financial statements and the clarity of disclosures in the financial statements. In addition, the Audit Committee discussed with the Chief Executive Officer and the Chief Financial Officer of AtriCure the certifications required to be given by such officers in connection with AtriCure's Annual Report on Form 10-K pursuant to the Sarbanes-Oxley Act of 2002 and the Securities and Exchange Commission rules adopted thereunder, including the subject matter of such certifications and the procedures followed by such officers and other management in connection with giving such certifications. The Audit Committee's responsibilities are set forth in a written charter, a copy of which is available on our website at www.atricure.com under "Investor Relations—Corporate Governance."

The Audit Committee is responsible for reviewing, approving and managing the engagement of AtriCure's independent registered public accounting firm, including the scope, extent and procedures of the annual audit and compensation to be paid therefore, and all other matters the Audit Committee deems appropriate, including the independent registered public accounting firm's accountability to the Board of Directors and the Audit Committee. The Audit Committee reviewed with AtriCure's independent registered public accounting firm, which is responsible for expressing an opinion on the conformity, in all material respects, of AtriCure's financial statements with generally accepted accounting principles, its judgments as to the acceptability as well as the appropriateness of AtriCure's application of accounting principles and such other matters as are required to be discussed with the independent registered public accounting firm by the statement on Auditing Standards No. 61, as amended (AICPA, Professional Standards, Vol. 1. AU Section 380), as adopted by the Public Company Accounting Oversight Board in Rule 3200T. In addition, the Audit Committee has received the written disclosures and the letter from the independent registered public accounting firm required by applicable requirements of the Public Company Accounting Oversight Board regarding the independent registered public accounting firm's communications with the Audit Committee concerning independence, has discussed with AtriCure's independent registered public accounting firm its independence from management and AtriCure and has considered the compatibility of non-audit services with the independence of AtriCure's independent registered public accounting firm.

The Audit Committee discussed with AtriCure's independent registered public accounting firm the overall scope and plans for its audit. The Audit Committee meets with the independent registered public accounting firm to discuss the results of its examinations, its evaluation of the effectiveness of AtriCure's internal control over financial reporting and the overall quality of AtriCure's financial reporting. The Audit Committee held nine meetings during the year ended December 31, 2009.

In reliance on the reviews and discussions referred to above, the Audit Committee recommended to the Board of Directors that the audited financial statements be included in AtriCure's Annual Report on Form 10-K for the year ended December 31, 2009 for filing with the Securities and Exchange Commission. The Audit Committee has also selected, subject to stockholder ratification, Deloitte & Touche LLP as AtriCure's independent registered public accounting firm for the year ending December 31, 2010.

#### **AUDIT COMMITTEE**

Mark R. Lanning, Chair Donald C. Harrison, M.D. Karen P. Robards

#### **EXECUTIVE COMPENSATION**

#### Report of the Compensation Committee of the Board of Directors

The Compensation Committee has reviewed and discussed the following Compensation Discussion and Analysis required by Item 402(b) of Regulation S-K with management and based on such review and discussions, the Compensation Committee has recommended to the Board of Directors that the Compensation Discussion and Analysis be included in this proxy statement.

Submitted by the following members of the Compensation Committee:

#### COMPENSATION COMMITTEE

Karen P. Robards, Chair Richard M. Johnston Mark R. Lanning

#### **Compensation Discussion and Analysis**

#### Compensation Philosophy and Objectives

Our compensation philosophy is rooted in a "Pay for Performance" approach that is designed to strongly link executive officer compensation to our performance. Executive incentive compensation is tied to measurable results intended to create long-term value for our stockholders. Our executive compensation program is designed to promote the following objectives:

- to attract, motivate and retain talented executives;
- · to compensate executives based upon the value of their individual and collective contributions to achieving corporate goals and objectives; and
- · to align the interests of our executives with those of our stockholders.

Our executive compensation program provides for base salaries that reflect the following primary factors: level of responsibility, individual performance, internal fairness and external competitiveness. Additionally, the program provides both for annual incentive awards that are payable upon our achievement of annual financial and management objectives, as well as long-term equity incentives that are intended to align and strengthen the mutuality of interest between management, other key employees and our stockholders.

# **Executive Compensation Program and Process**

The Compensation Committee oversees and administers our executive compensation policies and plans. The Compensation Committee determines and reports to the Board regarding general recommendations on compensation policies and plans for employees, setting salaries and incentive compensation and approving equity incentive awards for executives. Our management team supports and makes recommendations to the Compensation Committee in fulfilling its responsibilities and gathers information and performs administrative tasks delegated to it by the Compensation Committee. The Compensation Committee performs the same analysis in connection with determining the compensation of Mr. Drachman, our Chief Executive Officer, as it does in determining the compensation of other executive officers. We believe that Mr. Drachman's compensation is fair, competitive and consistent with the Company's corporate results and compensation philosophy.

The Compensation Committee has the authority to engage the services of outside advisors as necessary to meet its responsibilities. While the Compensation Committee has utilized the services of Frederic W. Cook & Co., Inc., from time to time, no compensation consultant was engaged to perform specific analysis or advice regarding 2009 executive compensation.

In determining executive compensation, we evaluate a variety of factors relating to the Company's performance as a whole during the year, including financial performance, product development and regulatory and clinical progress. We also review market data and the individual performance of all key executives.

Recognizing that we compete for talent with other publicly-held medical device companies, some of which have significantly larger resources than us, we seek to provide compensation that is competitive. We review the data for our peer group, but we do not attempt to maintain a certain target percentile with a peer group. The peer group consists of several cardiac-focused medical device companies and other medical device and life sciences companies of similar size, including AngioDynamics, Inc., ATS Medical, Inc., ev3 Inc., Hansen Medical, Inc., Micrus Endovascular Corporation, Spectranetics, Inc., Stereotaxis, Inc., Thoratec Corporation, Vascular Solutions, Inc. and VNUS Medical Technologies, Inc.

Compensation to our executive officers generally consists of the following elements: base salary, annual incentive bonuses, grants of equity awards and generally the same health and welfare benefits package available to all of our employees. We believe this mix of cash and equity compensation and short- and long-term compensation afforded to all of our executives is consistent with our compensation philosophy and furthers our overall compensation objectives by encouraging short- and long-term performance; creating an effective management team which can lead our growth and expansion; and maximizing stockholder value.

The Compensation Committee has reviewed the risk profile of the various elements of our executive compensation program, including the performance objectives and target levels used in connection with incentive awards, and has considered the risks our executive officers might be incentivized to take with respect to such elements. When establishing the mix among these elements, the Compensation Committee is careful not to encourage excessive risk taking, and as a result, the Compensation Committee believes that our executive compensation program does not incentivize the executive officers to engage in business activities or other behavior that would threaten the value of the Company or the investments of its stockholders.

1. Base Salary. We pay a base salary to attract talented executives and provide a secure base level of compensation. In determining base salaries, we consider a variety of factors, including the officer's job scope and level of responsibility, as well as individual factors such as experience, skills and performance. We also consider market data relating to compensation for similar positions at other medical device and life science companies and competitive factors in the industry. In addition, we consider relative levels of pay among our officers and recommendations from the Chief Executive Officer.

Salary levels are generally considered annually as part of our annual performance review process, as well as upon a promotion or other change in job responsibility. Salary guidelines are set each year to reflect our industry's competitive environment, balanced by the desire to control the overall cost of salaries and wages. Annual increases in base salary are not guaranteed. For 2009, we did not increase salaries for any of our executive officers primarily due to the uncertain economic conditions and our efforts to preserve liquidity.

2. Annual Incentive Bonuses. Driven by our "Pay for Performance" philosophy, we pay annual incentive bonuses to management which vary in size depending on the level of achievement of specific operational, financial and strategic goals considered by the Board to be critical in building long-term value for stockholders. Prior to 2008, these annual incentive bonuses were paid in cash, and for 2008, annual incentive bonuses were paid through the award of restricted stock. Annual incentive bonuses earned during 2009 were paid in cash. In future years, annual incentive bonuses may be paid in cash, through equity awards or through a combination of both.

Each of our named executive officers, other than Mr. Strong, participates in our bonus program based on company-wide performance goals. Mr. Strong, like other management employees whose primary function is executive sales management, participates in a bonus program where participants receive awards primarily tied to the achievement of sales-related targets, and payments of these incentives are made as frequently as monthly. As

Vice President of U.S. Sales, Mr. Strong received incentive compensation of \$196,111 for 2009 under this program based on the Company's U.S. Sales during 2009

For other executive officers, annual incentive bonus targets and objectives are designed to advance key strategic initiatives and build stockholder value and, therefore, primarily relate to the achievement of company-wide goals. We believe that company-wide goals help to foster effective cross-functional performance and a culture of collaboration. Annual objectives and targets are developed with guidance from management and approved by the Compensation Committee. Levels of performance are measured and communicated by management to the Compensation Committee and Board of Directors on a regular basis.

For 2009, the determination of the annual incentive targets and objectives was based on specific quantitative measures and qualitative goals. Target bonus amounts were aligned to the achievement of specific objectives within each of the categories outlined below, and the weighting of each objective varied among executive officers depending on their primary responsibilities. In each case, participants could earn a maximum bonus of up to 125% of the target bonus aligned with each performance goal, and if the performance goals were not achieved, participants could earn 75% or 0% of certain related target bonus depending on the variance of actual performance from the performance goals.

The Compensation Committee sets annual objectives that the Committee believes will be moderately difficult to attain. The 2009 performance goals were as follows:

- (a) Achievement of specific adjusted EBITDA (defined for purposes of the bonus program to mean adjusted operating income (loss) plus depreciation, amortization and share-based compensation included in operating income (loss) (excluding specified non-recurring items)) of at least \$0 (the "Financial Goals");
- (b) Achievement of specific new product development introductions including, for example, a specific timeline for the release of the Company's Cryo1™ System (the "Product Development Goals"); and
- (c) Achievement of specific regulatory and clinical milestones including, for example, a specific timeline for the submission of our EXCLUDE 510(k) (the "Regulatory and Clinical Goals").

For each of Mr. Drachman, Ms. Piton, Mr. Lucky and Mr. Privitera, the performance objectives were weighted as follows:

Executive Officer_	Percentage Aligned with Financial Goals	Percentage Aligned with Product Development Goals	Percentage Aligned with Regulatory and Clinical Goals
David J. Drachman	50.0%	20.0%	30.0%
Julie A. Piton	87.5%	5.0%	7.5%
James L. Lucky	87.5%	5.0%	7.5%
Salvatore Privitera	25.0%	60.0%	15.0%

For 2009, the Compensation Committee approved an incentive bonus program that would have enabled these executive officers to earn the target and maximum bonuses set forth below as a percentage of their base salaries.

Executive Officer	Percentage of 2009 Base Salary at Threshold Goals	Percentage of 2009 Base Salary at Target Goals	Percentage of 2009 Base Salary at Maximum Goals
David J. Drachman	30.0%	40.0%	50.0%
Julie A. Piton	22.5%	30.0%	37.5%
James L. Lucky	22.5%	30.0%	37.5%
Salvatore Privitera	22.5%	30.0%	37.5%

Final calculation of the Company's financial performance and determination and payment of the awards is made as soon as is practicable after the completion of our year-end by the Compensation Committee. For the Financial Goals, to receive the target bonus, our adjusted EBITDA needed to be at least \$0 and to receive the maximum bonus, our adjusted EBITDA needed to be at least \$1.0 million. Additionally, participants could earn their target or maximum bonuses aligned to Product Development Goals and Regulatory and Clinical Goals by exceeding the bonus milestone dates.

For 2009, the Company achieved adjusted EBITDA of \$1.6 million, resulting in the award to all participants of 125% of the target bonus tied to the Financial Goals. The bonuses also reflected awards of 116.25% tied to the Product Development Goals and 30% tied to Regulatory and Clinical Goals. Based on these results, each of the executive officer participants received the following amounts:

Executive Officer	Percentage of Target Bonus Earned	Percentage of Base Salary Earned	Amo	unt of Award
David J. Drachman	94.8%	37.92%	\$	151,600
Julie A. Piton	117.4%	35.22%	\$	82,441
James L. Lucky	117.4%	35.22%	\$	64,121
Salvatore Privitera	105.5%	31.65%	\$	57,603

3. Equity Incentive Awards. We issue equity awards to our executive officers and employees under our 2005 Equity Incentive Plan to create an opportunity for our executive officers and employees to acquire an equity ownership interest in the Company and thereby motivate and retain executive talent and align employees and executives with the long-term interests of stockholders. The Compensation Committee determined primarily to utilize restricted stock grants as opposed to stock option grants for 2009, and during 2009 we granted solely restricted stock to our executive officers. The Compensation Committee continually reviews the value and mix of equity awards granted to executive officers in light of equity awards at peer group companies but does not target any specific position with respect to these peer group companies. The Compensation Committee also considers wealth accumulation for executive officers as a factor in making additional equity awards both as to type of award and number of underlying shares.

Share-based incentives are reviewed and approved by the Compensation Committee at committee meetings. Grants of restricted stock normally vest in 25% increments over four years. Share-based awards are intended to reflect the employee's and executive's position, responsibility, contributions and performance and to consider each individual's current equity position. We believe that share-based awards will stimulate pride in ownership and motivate employees and executives to commit themselves to our performance and increasing stockholder value.

Each year, the Compensation Committee considers grants for executive officers and employees based on recommendations from the CEO, as well as the factors described above. With respect to newly hired executives, the size of the initial equity grants are determined based on the individual's position, experience and competitive market information. For employees, a new hire option grant will generally be made at the first regularly scheduled meeting of the Compensation Committee following commencement of employment. The exercise price for options equals the fair market value of our common stock on the date of the grant.

#### Severance and Change of Control Programs

Options granted under our 2001 Stock Option Plan become immediately vested upon a change in control, as defined in such plan. Upon a change in control, equity awards granted under our 2005 Equity Incentive Plan are assumed, or an equivalent option or right substituted by the acquirer. Options outstanding for our executive officers under our 2005 Equity Incentive Plan are subject to accelerated vesting upon a change in control, with 33% of the unvested shares generally vesting upon a change in control and full vesting by the one year

anniversary of the change in control. If the acquirer refuses to assume or substitute options outstanding, all options become fully vested upon a change in control. Restricted stock for executive officers vests in full upon a change in control. Also the agreements provide that, upon a change in control occurring after 2009, executive officers will be deemed to have earned 100% of the maximum number of performance shares granted in 2008 under our 2005 Equity Incentive Plan.

We believe that the accelerated vesting provisions help create a competitive compensation package and provide a certain level of assurance to our key employees. In addition, we believe that the accelerated vesting provisions are fair and reasonable when compared with similar arrangements adopted by comparable companies in our industry. The Company has also agreed to provide severance to our Chief Executive Officer and Chief Financial Officer in the event of their involuntary terminations or resignation under certain circumstances pursuant to their respective employment agreements.

#### **Perquisites**

We do not generally provide executives with perquisites other than programs made available to all Company employees. Mr. Drachman's employment agreement provides for reimbursement up to \$10,000 annually for incremental term life insurance. Mr. Stewart W. Strong, our Vice President of U.S. Sales, receives an annual car allowance of \$7,200. Further, we have historically provided certain relocation benefits to executives.

# Tax and Accounting Treatment of Compensation

While the income tax implications of the compensation program to the Company and its executive officers are continually assessed, they are not presently a significant factor in the administration of the program. Section 162(m) of the Internal Revenue Code imposes an annual deduction limit of \$1 million on the amount of compensation paid to each of the Chief Executive Officer and the other three highest compensated officers of the Company (excluding the Chief Financial Officer). There is an exception to the \$1 million limitation for performance-based compensation meeting certain requirements. For equity awards, to qualify for the exemption, the stockholders were asked to approve a limit under our equity incentive plan on the maximum number of shares for which a participant may be granted equity awards in any calendar year. Because this limit was adopted, any compensation deemed paid to an executive officer when he or she exercises an option with an exercise price that is at least equal to the fair market value of the option shares on the grant date should qualify as performance-based compensation and should not be subject to the \$1 million deduction limitation.

To maintain flexibility in compensating executive officers in a manner designed to promote varying corporate goals, the Compensation Committee has not adopted a policy requiring all compensation to be deductible. However, to date we have not exceeded the \$1 million limit for any executive officer. Moreover, exceeding that limitation may not result in the current payment of increased federal income taxes due to our significant net operating loss carryforward.

#### **Summary Compensation Table**

The following table sets forth summary compensation information for 2009, 2008 and 2007 for our Chief Executive Officer, Chief Financial Officer and each of our three other most highly compensated executive officers who were serving in such capacities as of December 31, 2009. Except as provided below, none of our named executive officers received any other compensation required to be disclosed by law or in excess of 10% of their total annual compensation.

Name and Position	Year	Salary (\$)	Bonus (\$)	Stock Awards (\$) <sup>(1)</sup>	Option Awards (\$) <sup>(1)</sup>	Non-Equity Incentive Plan Compensation (\$) <sup>(2)</sup>	All Other Compensation (\$) <sup>(3)</sup>	Total (\$)
David J. Drachman	2009	400,000		268,800		151,600	5,007 (4)	825,407
President and Chief Executive Officer	2008 2007	400,000 400,000	_	292,760 —	385,168 283,788	128,000	11,334 <sup>(4)</sup> 15,915 <sup>(4)</sup>	1,089,262 827,703
Julie A. Piton <sup>(5)</sup>	2009	234,000	_	201,760	_	82,441	_	518,201
Vice President, Finance and Administration and Chief	2008	234,000	_	167,423	72,219		5,875	479,517
Financial Officer	2007	212,308		_	681,027	50,954	$104,909^{(6)}$	1,049,198
Stewart W. Strong	2009	150,000	_	53,760	_	196,111	7,200 <sup>(7)</sup>	407,071
Vice President, U.S. Sales	2008	150,000	_	114,000	72,219	175,669	13,358(7)	525,246
	2007	150,000	_	_	70,947	177,621	14,610 <sup>(7)</sup>	413,178
Salvatore Privitera	2009	182,000	_	120,960	_	57,603		360,563
Vice President, Engineering and Product Development	2008	182,000	_	193,052	72,219	_	3,988	451,259
	2007	175,000		_	148,608	42,000	3,938	369,546
James L. Lucky	2009	182,000		94,080	_	64,121	_	340,201
Vice President Regulatory Affairs and Quality Assurance	2008	182,000	11,533	155,552	72,219	_	6,748	428,052
	2007	175,000	_	_	70,947	64,113	5,852	315,912

Amounts in the stock awards and option awards columns represent the aggregate grant date fair value of performance share awards, restricted stock awards and option awards computed, as of each grant date, in accordance with ASC 718. Additional information about the assumptions that we used when valuing equity awards is set forth in our Annual Report on Form 10-K in Notes 1 and 15 of the Notes to Consolidated Financial Statements. 2008 restricted stock amounts include bonuses paid in restricted stock valued at \$121,760 for Mr. Drachman, \$55,422 for Ms. Piton, \$79,051 for Mr. Privitera and \$41,551 for Mr. Lucky. These grants were made during 2009, but reflected in 2008 as they related to 2008 performance.

Amounts shown represent incentive-based awards earned in 2009, 2008 and 2007 pursuant to monthly, quarterly and/or annual incentive-based award programs.

Amounts shown include the matching contributions made under our 401(k) Plan.

Amounts shown includes \$5,007, \$3,584 and \$4,155 in incremental life insurance and related tax gross-up payments paid to Mr. Drachman in 2009, 2008 and 2007, respectively.

Ms. Piton joined the company on January 23, 2007.

Amount includes \$99,102 for reimbursement of relocation related expenses including income tax gross-up payments and non-cash compensation related to the purchase of Ms. Piton's residence.

Amount shown includes \$7,200 in car allowance paid to Mr. Strong.

#### **Grants of Plan-Based Awards**

The following table sets forth information concerning the annual performance bonuses and the stock option grants in 2009 to the executive officers named in the Summary Compensation Table.

				Estimated Possible Payouts Under Non-Equity Incentive Plan Awards <sup>(2)</sup>			
Name	Grant Date <sup>(1)</sup>	Threshold (\$)	Target (\$)	Maximum (\$)	Shares of Stock or Units (#) <sup>(3)</sup>		
David J. Drachman	2/17/2010	120,000	160,000	200,000	_		
	7/29/2009	_	_	_	80,000		
Julie A. Piton	2/17/2010	56,250	70,200	87,750	_		
	7/29/2009	_	_		36,000		
	10/28/2009	_			20,000		
Stewart W. Strong	7/29/2009	_	_	_	16,000		
Salvatore Privitera	7/29/2009	40,950	54,600	68,250	36,000		
James L. Lucky	7/29/2009	40,950	54,600	68,250	28,000		

<sup>(1)</sup> The grant date of equity awards is the date on which the Compensation Committee approved the award.

No stock options were granted to named executive officers during 2009. Restricted stock awards exclude grants related to 2008 compensation which were included in awards reported for 2008.

All share-based compensation granted to these executive officers in 2009 was granted under our 2005 Equity Incentive Plan.

#### **Outstanding Equity Awards at Year-End**

The table below sets forth information concerning the number and value of the unexercised stock options, restricted stock awards and performance share awards outstanding at December 31, 2009 for the executive officers named in the Summary Compensation Table. Each of the executive officers has been granted performance shares under the terms and subject to the conditions previously described in this proxy statement. Under the Company's equity award plans, stock option awards have a ten-year term. For our named executive officers, options granted prior to August 6, 2005 (expiration date prior to August 6, 2015) vest 25% on each anniversary of the date of grant. Options granted after August 5, 2005 (expiration date after August 5, 2015) vest 25% on the first year anniversary of the grant date and in equal monthly installments on the same day of the month over the remaining three years. Restricted shares generally vest in 25% increments on the first four anniversaries of the grant date but vest in full upon a change of control. Restricted shares granted to officers in 2009 in lieu of 2008 cash bonuses vested 90 days after grant.

Represents estimated bonuses eligible to be earned under our annual cash incentive plan for 2009 for Mr. Drachman, Ms. Piton, Mr. Privitera and Mr. Lucky. Mr. Drachman was eligible to earn 40% of his salary as of December 31, 2009 if the Company achieved the targets of the plan and up to a maximum of 50% (125% of the target) under the plan. Ms. Piton, Mr. Lucky and Mr. Privitera were eligible to receive 30% of their salary as of December 31, 2009 if the Company achieved the targets of the plan and were eligible to earn up to a maximum of 37.5% (125% of target) under the plan. These amounts were paid on February 10, 2010. The amounts reflected in the table are based on salaries as of December 31, 2009. The plan does not provide for a minimum guaranteed payout. Mr. Strong participated in a non-equity incentive plan that was tied to achievement of specific Company sales goals that included monthly and quarterly components. The actual awards earned and paid to the named executive officers under these plans is reported in the Non-Equity Incentive Plan Compensation column in the Summary Compensation Table and are discussed further above under the heading "Compensation Discussion and Analysis."

Represents restricted stock awards granted under the 2005 Equity Incentive Plan.

# Outstanding Equity Awards at Fiscal Year-End

		Option Awards			Stock A	wards			
<u>Name</u>	Number of Securities Underlying Unexercised Options (#) Exercisable	Number of Securities Underlying Unexercised Options (#) Unexercisable	Price (\$)	Expiration Date	Number of Shares or Units of Stock That Have Not Vested (#)	Market Value of Shares or Units of Stock That Have Not Vested (\$)	Equity Incentive Plan Awards: Number of Unearned Shares, Units or Other Rights That Have Not Vested (#)	Equity Incentive Plan Awards: Market or Payout Value of Unearned Shares, Units or Other Rights That Have Not Vested (\$)	
David									
J. Drachman	31,666	48,334	10.10	5/28/2018	_	_	_	_	
	37,500	22,500	9.50	6/20/2017	_	_	_	_	
	150,000	-0-	13.53	12/7/2015	_	_	_		
	315,788	_	1.33	10/14/2012	_	_	_		
	_	_	_	_	80,000	483,200	_	_	
	<del>_</del>	_	_	_	20,000(1)	120,800	_		
	_	_	_	_	_	_	10,000(2)	60,400	
Julie A. Piton	5,937	9,063	10.10	5/28/2018		_	_	_	
suite 11. 1 itom	9,375	5,625	9.50	6/20/2017	_	_	_	_	
	70,833	29,167	12.22	2/8/2017	_	_	_	_	
	7 0,055 —	25,107		2/0/2017	56,000	338,240	_	_	
	_		_	_	13,000(1)	78,520	_	_	
	_		_	_		70,520	7,000(2)	42,280	
_							7,000	.=,=00	
Stewart	E 00E	0.000	10.10	E /DO /DO 4 O					
W. Strong	5,937	9,063	10.10	5/28/2018	_	_	_	_	
	9,375	5,625	9.50	6/20/2017	_	_	_		
	1,500	500	9.70	12/6/2016	_	_	_		
	23,627	5,453	6.34	9/6/2016	_	_	_	_	
	4,791	209	11.06	2/8/2016	_	_	_	_	
	2,631	_	12.00	8/5/2015	_	_	_	_	
	3,026	<del>-</del>	11.63	4/6/2015	_	_	_	_	
	5,263	_	1.52	10/1/2013			_		
	_	_	_	_	16,000	96,640	_		
	_	_	_	_	13,000(1)	78,520		40.000	
	_	_	_	_	_	_	7,000(2)	42,280	
Salvatore Privitera	5,937	9,063	10.10	5/28/2018	_	_	_	_	
	9,375	5,625	9.50	6/20/2017		_	_	_	
	9,298	4,650	11.38	4/25/2017	_	_	_	_	
	10,000	_	13.53	12/7/2015	_	_	_	_	
	46,052	_	1.52	10/1/2013	_	_	_	_	
	_	_	_	_	36,000	217,440	_	_	
	_	_	_	_	$13,000^{(1)}$	78,520	_	_	
	_	_	_	_		_	7,000(2)	42,280	

		Option Awards						
Name	Number of Securities Underlying Unexercised Options (#) Exercisable	Number of Securities Underlying Unexercised Options (#) Unexercisable	Price (\$)	Expiration Date	Number of Shares or Units of Stock That Have Not Vested (#)	Market Value of Shares or Units of Stock That Have Not Vested (\$)	Equity Incentive Plan Awards: Number of Unearned Shares, Units or Other Rights That Have Not Vested (#)	Equity Incentive Plan Awards: Market or Payout Value of Unearned Shares, Units or Other Rights That Have Not Vested (S)
James L. Lucky	5,937	9,063	10.10	5/28/2018				
J	9,375	5,625	9.50	6/20/2017	_	_	_	
	11,333	2,616	6.34	9/6/2016	_	_	_	
	10,000	_	13.53	12/7/2015	_	_	_	_
	6,578	_	12.00	8/5/2015	_	_	_	_
	9,473	_	1.52	1/1/2014	_	_	_	_
	_	_	_	_	28,000	169,120	_	
	_	_	_	_	13,000(1)	78,520	_	—
	_	_		_	_	_	7,000(2)	42,280

Represents performance shares awarded based upon achievement of the 2009 Goal, determined as of December 31, 2009. These shares, which have been earned, will vest on December 31, 2010.

# **Option Exercises and Stock Vested**

	Stock Av	Stock Awards	
Nama	Number of Shares Acquired on Vesting (#)	Value Realized on Vesting	
Name David J. Drachman	81,173	(\$) 224,849	
	•		
Julie A. Piton	35,615	98,654	
Stewart W. Strong	_		
Salvatore Privitera	52,701	145,982	
James L. Lucky	27,701	76,732	

2008 bonus amounts earned under the approved incentive targets and objectives were paid in shares of restricted common stock in lieu of cash. The table above reflects only the vesting of these restricted shares. No options were exercised for any named executive officer during 2009.

# **Change in Control Arrangements**

We do not have employment agreements with any of our executive officers, with the exception of David J. Drachman, our President and Chief Executive Officer, and Julie A. Piton, our Vice President Finance and Administration and Chief Financial Officer. The treatment of equity awards and specific provisions of Mr. Drachman's and Ms. Piton's employment agreements are discussed below.

After termination of an executive officer or director following a change of control, he or she may exercise his or her vested options pursuant to the terms of our 2001 Stock Option Plan, our 2005 Equity Incentive Plan

Represents performance shares awarded subject to achievement of the 2010 Goal, which will be determined as of December 31, 2010. If the 2010 Goal is achieved, these shares will vest on December 31, 2010.

and/or the related stock option agreements. Generally, if termination is due to death or disability, the options will remain exercisable for twelve months. In all other cases, the options will generally remain exercisable for 90 days. Also, under the terms of the agreements governing the awards, upon a change of control occurring during 2009, executive officers will earn 100% of the maximum number of performance shares granted in 2008. Restricted stock owned by executive officers and options granted under our 2001 Stock Option Plan vest in full upon a change in control.

Upon a change in control of the Company, potential payments to our named executive officers are consistent with all employees, with the exception of acceleration of vesting of the unvested stock options held by our named executive officers under our 2005 Equity Incentive Plan and the payments that may be due to Mr. Drachman and Ms. Piton under their employment agreements upon termination of employment following the change of control. Generally, options granted under our 2005 Equity Incentive Plan are either replaced with equivalent options of the acquiring entity or, if not so replaced, accelerate in full upon the change of control. However, for officers whose employment continues with the Company or a successor following a change of control, unvested options vest one-third upon the change in control and then generally in full upon completion of twelve months of employment following the change in control event except that if an officer is terminated without "cause" (as defined) or resigns for "good reason" (as defined) within one year after the change in control event, all options will vest in full upon such termination or resignation.

In March 2010, the Company and Mr. Drachman amended his employment agreement. As amended, the employment agreement provides for incremental benefits upon termination, death and a change in control. In the event that we terminate the employment of Mr. Drachman "without cause" or for "total disability," or if he terminates his employment for "good reason," each as defined in the agreement, Mr. Drachman is entitled to a severance payments equal to six months of his then base salary, which based on his salary at December 31, 2009, would equal a payment of \$200,000. If such termination occurs "without cause" or for "good reason" within twelve months following a "change of control" (as defined in the agreement), Mr. Drachman is entitled to a severance payment equal to twenty-four months of his then base salary plus an amount equal to his target bonus for the year in which the termination occurred, which severance payment would equal \$960,000 based on his base salary at December 31, 2009 and target bonus potential for 2009.

In March 2010, the Company and Ms. Piton amended her employment agreement. As amended, the employment agreement provides incremental benefits upon termination, death and a change in control. In the event that we terminate the employment of Ms. Piton "without cause" or if she terminates her employment for "good reason," each as defined in the agreement, Ms. Piton is entitled to a severance payment equal to six months of her then base salary which, based on her salary at December 31, 2009, would equal a payment of \$117,000. If such termination occurs within one-year of a change in control, Ms. Piton is entitled to a severance payment equal to eighteen months of her then base salary plus an amount equal to her full bonus potential for the year in which the termination occurred, which severance payment would equal \$421,200 based on her base salary at December 31, 2009 and target bonus potential for 2009.

#### OTHER MATTERS

We are not aware of any other business to be presented at the meeting. As of the date of this proxy statement, no stockholder had advised us of the intent to present any business at the Annual Meeting. Accordingly, the only business that our Board intends to present is as set forth in this proxy statement.

If any other matter or matters are properly brought before the Annual Meeting or any postponement or adjournment thereof, each properly executed proxy card will be voted in the discretion of the proxies named therein, the proxies will use their discretion to vote on such matters in accordance with their best judgment.

The proxy card used by AtriCure for the annual meeting typically grants authority to management to vote in its discretion on any matters that come before the meeting as to which adequate notice has not been received. In order for a notice to be deemed adequate for the 2011 Annual Meeting, it must be received by March 5, 2011.

By Order of the Board of Directors,

/s/ Julie A. Piton

Julie A. Piton

Vice President, Finance and Administration and Chief Financial Officer

West Chester, Ohio April 19, 2010

# ANNUAL MEETING OF STOCKHOLDERS OF

# ATRICURE, INC.

May 19, 2010

# IMPORTANT NOTICE REGARDING INTERNET AVAILABILITY OF PROXY MATERIALS FOR THE ANNUAL MEETING TO BE HELD ON MAY 19, 2010:

You are receiving this communication because you hold shares in the above company, and the materials you should review before you cast your vote are now available.

The proxy statement and annual report to security holders are available at: http://phx.corporate-ir.net/staging/phoenix.zhtml?c=189981&p=proxy

Please sign, date and mail your proxy card in the envelope provided as soon as possible.

i Please detach along perforated line and mail in the envelope provided.  $\boldsymbol{i}$ 

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		BOARD OF DIRECTORS RECOMMENDS A VOTE "FOR" T N, DATE AND RETURN PROMPTLY IN THE ENCLOSED EN SHOWN HE	ELOPE. PLEASE MARK YOUR VOTE IN BLUE OR BLACK INK AS	
1. Authority to elect as Directors the following eight (8) nominees.		following eight (8) nominees.	2. Proposal to ratify the appointment of Deloitte & Touche LLP as independent registered public accounting firm of the Company for the year ending December 31, 2010.	
		NOMINEES:  O MARK A. COLLAR O DAVID J. DRACHMAN O DONALD C. HARRISON, M.D. O MICHAEL D. HOOVEN O RICHARD M. JOHNSTON O ELIZABETH D. KRELL, Ph.D. O MARK R. LANNING O KAREN P. ROBARDS  hority to vote for any individual nominee(s), mark "FOR ALL of fill in the circle next to each nominee you wish to withhold, as	THIS PROXY WILL BE VOTED AS DIRECTED OR, IF NO CONTRARY DIRECTION IS INDICATED, WILL BE VOTED AS FOLLOWS: (1) FOR THE ELECTION OF THE NOMINATED DIRECTORS; (2) FOR THE RATIFICATION OF THE APPOINTMENT OF DELOITTE & TOUCHE LLP AS INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM FOR THE YEAR ENDED DECEMBER 31, 2010; AND (3) IN THE DISCRETION OF THE PROXY HOLDERS ON SUCH OTHER MATTERS AS MAY COME BEFORE THE MEETING.  PLEASE SIGN, DATE AND PROMPTLY RETURN THIS PROXY IN THE ENCLOSED RETURN ENVELOPE, WHICH IS POSTAGE PREPAID IF MAILED IN THE UNITED STATES.	
To change the address on your account, please check the box at right and indicate your new address in the address space above. Please note that changes to the registered name(s) on the account may not be submitted via this method.			I PLAN TO ATTEND THE MEETING $\ \Box$	
Sig	gnature of Shareholder	Date:	Signature of Shareholder Date:	

Note: Please sign exactly as your name or names appear on this Proxy. When shares are held jointly, each holder should sign. When signing as executor, administrator, attorney, trustee or guardian, please give full title as such. If the signer is a partnership, please sign in partnership name by authorized person.

#### ATRICURE, INC.

# 2010 ANNUAL MEETING OF STOCKHOLDERS

# THIS PROXY IS SOLICITED ON BEHALF OF THE BOARD OF DIRECTORS

The undersigned stockholder of AtriCure, Inc., a Delaware corporation, hereby acknowledges receipt of the Notice of Annual Meeting of Stockholders and Proxy Statement, each dated April 19, 2010, and hereby appoints Julie A. Piton and David J. Drachman, or either of them, as proxy and attorney-in-fact, with full power of substitution, on behalf and in the name of the undersigned to represent the undersigned at the 2010 Annual Meeting of Stockholders of AtriCure, Inc. to be held on May 19, 2010 at 9:30 a.m. (EDT) at AtriCure's offices located at 6217 Centre Park Drive, West Chester, Ohio 45069, and at any postponement or adjournment thereof, and to vote all shares of common stock which the undersigned would be entitled to vote if then and there personally present, on the matters set forth on the reverse side and in their discretion with respect to such other business as may properly come before such Annual Meeting or at any postponement or adjournment thereof:

THIS PROXY WILL BE VOTED AS RECOMMENDED BY THE BOARD OF DIRECTORS UNLESS A CONTRARY CHOICE IS SPECIFIED.

PLEASE SIGN, DATE AND RETURN PROMPTLY IN THE ENCLOSED ENVELOPE.

(Continued and to be signed on the reverse side)