Contents

Preface to the First Edition .................................................. xv
Preface to the Second Edition ............................................. xvii
Preface to the Third Edition .............................................. 1
Brian Adams ........................................................................ 2
  Senior Member of Technical Staff Optimization and Uncertainty Estimation; Sandia National Laboratories
Jeffrey Zane Anderson ...................................................... 4
  Industrial Engineer; Commonwealth Aluminum Corporation
*Alysia Appell ................................................................. 6
  Senior Analyst; Northwest Airlines
P. Darcy Barnett ............................................................... 8
  Computer Scientist; National Institute of Standards and Technology
Carl M. Beard ..................................................................... 10
  Mathematician; Rockwell International Corporation
Cherryl Beeman .................................................................. 12
  Electronic Commerce Specialist; The Kodiak Group
Betsy Bennett ....................................................................... 14
  Private School Teacher; St. Albans School, Washington, DC
*Nick Bennett ...................................................................... 16
  Research Scientist; Schlumberger
Jonathan G. Blattmachr ..................................................... 18
  Partner; Milbank, Tweed, Hadley & McCloy, New York and Los Angeles
*Mary Bonar ....................................................................... 20
  Emergency Medicine Physician; Pinnacle Hospital, Harrisburg, PA
Ron Bousquet ...................................................................... 22
  R&D Project Manager; Hewlett-Packard Company
Margaret L. Brandeau ......................................................... 24
  Associate Professor of Industrial Engineering; Stanford University
Judith R. Brown .................................................................. 26
  Manager, Advanced Research Computing Services; The University of Iowa
Denise Cammarata ............................................................. 28
  Senior Engineer; Westinghouse Wireless Solutions Company
Cora L. Carmody ................................................................. 30
  Manager of Systems Engineering; PRC, Inc.
Jessie Caruso ....................................................................... 32
  Senior Systems Integrator; CollabraSpace, Inc.
Jack Cassidy ....................................................................... 34
  Engineer Scientist, Firmware; Hewlett-Packard
Shane Chalke ...................................................................... 36
  Actuary/Business Owner; Chalke, Inc.

digitalisiert durch: 
IDS Basel Bern

101 careers in mathematics
2014
<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Judith E. Chapman</td>
<td>Senior Software Engineer; Harris Scientific Calculations</td>
</tr>
<tr>
<td>Samson Cheung</td>
<td>Research Scientist; MCAT Institute, NASA Ames Research Center</td>
</tr>
<tr>
<td>Yves Chiricota</td>
<td>Professor; Université du Québec à Chicoutimi</td>
</tr>
<tr>
<td>Megan Christensen</td>
<td>Risk Analyst; Travelers Insurance</td>
</tr>
<tr>
<td>Andrea Cook</td>
<td>Employee Benefits Consultant; Plante &amp; Moran, PLLC</td>
</tr>
<tr>
<td>James L. Cooley</td>
<td>Aerospace Mathematician; NASA Goddard Space Flight Center</td>
</tr>
<tr>
<td>Mary K. Cooney</td>
<td>Mathematics Editor; Simon &amp; Schuster, Inc.</td>
</tr>
<tr>
<td>Jeff Cooper</td>
<td>Corporate Technical Developer; P.H. Glatfelter Company</td>
</tr>
<tr>
<td>Joe Corrigan</td>
<td>Project Mathematics!</td>
</tr>
<tr>
<td>H. Michael Covert</td>
<td>Senior Computer Systems Specialist; Chemical Abstracts Service</td>
</tr>
<tr>
<td>Sarah Cullen</td>
<td>Senior Professional Relations Representative; Bay State Health Care</td>
</tr>
<tr>
<td>Allison DeLong</td>
<td>Marine Research Associate; University of Rhode Island</td>
</tr>
<tr>
<td>Janet P. DenBleyker</td>
<td>Assistant Actuary; Buck Consultants</td>
</tr>
<tr>
<td>Mark Derwin</td>
<td></td>
</tr>
<tr>
<td>Susan J. Devlin</td>
<td>Director–Measurements Research; Bellcore</td>
</tr>
<tr>
<td>J. Wanzer Drane</td>
<td>Professor of Biostatistics; University of South Carolina School of Public Health</td>
</tr>
<tr>
<td>Arnitra Duckett</td>
<td>Educational Markets Manager; Texas Instruments, Incorporated</td>
</tr>
<tr>
<td>Paula Duckett</td>
<td>Elementary School Mathematics Specialist</td>
</tr>
<tr>
<td>Yawa Duse-Anthony</td>
<td>Senior Associate; KKO and Associates</td>
</tr>
<tr>
<td>M. Scott Elliott</td>
<td>Operations Research Analyst; FedEx Corporation</td>
</tr>
<tr>
<td>Katie Evans</td>
<td>Assistant Professor; Louisiana Tech University</td>
</tr>
<tr>
<td>Helaman Ferguson</td>
<td>Sculptor</td>
</tr>
<tr>
<td>Rol Fessenden</td>
<td>Director of Inventory Control; L.L. Bean</td>
</tr>
</tbody>
</table>
Kathie Flood, Program Manager; Microsoft Games Studio
Sara Ford, Software Design Engineer in Test; Microsoft Corporation
Richard D. Fuhr, Senior Engineer; Electronic Data Systems
Holly Gaff, Graduate Research Associate; University of Tennessee
Marshall B. Garrison, Principal Software Engineer; PictureTel Corporation
Allen Gibson, Instructor; Stillman School of Business, Seton Hall University
Ruth Gonzalez, Research Specialist; Exxon Production Research Company
Douglas A. Gray, Senior Consultant; American Airlines Decision Technologies
Cynthia Carter Haddock, Professor and Academic Program Director; University of Alabama at Birmingham
Charles R. Hadlock, Professor of Mathematics; Bentley College
Charles Hagwood, Mathematician; National Institute of Standards and Technology (NIST)
John F. Hamilton, Research Associate; Eastman Kodak Company
William D. Hammers, Chief Financial Officer; Optimal Solutions
Jeff Hand, Senior Physics Engineer; Raytheon
Carl M. Harris, Professor and Operations Researcher; George Mason University
Mary Hesselgrave, Distinguished Member of Technical Staff; Lucent Technologies Bell Labs
Jerry W. Highfill, Mathematical Statistician; United States Environmental Protection Laboratory
Matthew D. Janssen, Commercial Litigation Attorney; Pepper Hamilton LLP
Richard Järvinen, Professor and Consultant; Winona State University and NASA
Captain C.J. Jaynes, PMA 213 Program Manager; United States Navy
Denise Ann Johnston, Instructor and Consultant on Quality Control; Boeing Commercial Airplane Group
Patricia H. Jones, Professor and Chair; Methodist College
Marcia P. Kastner .................................................. 130
Research Scientist; Akamai Technologies, Inc.

Sherra E. Kerns .................................................. 132
Professor and Chair; Vanderbilt University

Gary Kim ......................................................... 134
Accounting Manager; Perdue Farms Incorporated

#Greg King ......................................................... 136
Teacher; Dublin City Schools

Kay Strain King .................................................. 138
Senior Environmental Mathematician; Theta Engineering, Inc.

Karen M. Kneisel ............................................... 140
Project Manager; Otis Elevator Company

#John Kuchenbrod ............................................... 142
Project Team Manager; The MITRE Corporation

Janice A. Kulle .................................................. 144
Senior Product Actuary; The Baltimore Life Insurance Company

Kimberly A. Kuntz ............................................... 146
Senior Systems Engineer; Electronic Data Systems

Michael H. Kutner ............................................... 148
Chairman, Department of Biostatistics and Epidemiology; The Cleveland Clinic Foundation

Donna E. Lawson ................................................. 150
Economist; National Oceanic and Atmospheric Administration

Christopher M. Legault ......................................... 152
Research Fishery Biologist; NOAA Fisheries

Loren Mernoff Lewin ............................................. 154
Senior Systems Engineer; Telcordia Technologies

Mike Lieber ....................................................... 156
Biostatistician; Cleveland Clinic Foundation

Peter A. Lindstrom ............................................... 158
Retired Professor of Mathematics; North Lake College

#Dan Loeb ......................................................... 160
Quantitative Research Department; Susquehanna International Group

Tammy M. Lofton .................................................. 162
Actuarial Assistant; Nationwide Insurance Company

#Valerie Lopez-Zinzer, A.S.A ................................ 164
Actuarial Associate; Watson Wyatt

Christopher M. Luczynski ....................................... 166
Senior Associate Engineer; Mask House, IBM

#Chad Magers ..................................................... 168
Scientist; Naval Surface Warfare Center

Carol J. Mandell .................................................. 170
Market Researcher; Corporate Software, Inc.

#Carla D. Martin ............................................... 172
Assistant Professor; James Madison University
Patrick Dale McCray ................................................................. 174
   Systems Project Leader; G.D. Searle & Co., a subsidiary of Monsanto

Jennifer E. McLean ............................................................. 176
   Member of Technical Staff; Jet Propulsion Laboratory

Juan C. Meza ................................................................. 178
   Numerical Analyst; Sandia National Laboratories

Michael G. Monticino ............................................................ 180
   Associate Professor; University of North Texas

S. Brent Morris ............................................................... 182
   Mathematician; National Security Agency

William D. Murphy .......................................................... 184
   Applied Mathematician; Rockwell International Science Center

Michael J. Murray ............................................................ 186
   Java Developer; IBM Global Services

Deenanne Kay Myers ........................................................ 188
   Product Analyst; AIG Specialty Auto

Joan Peters Ogden ............................................................... 190
   Consulting Actuary; Joan Ogden Actuaries

Edna Lee Paisano .............................................................. 192
   Statistician; Bureau of the Census

#Amanda Peterson ........................................................... 194
   Modeling and Simulation Analyst; Dynamic Research Corporation

Bruce A. Powell ............................................................... 196
   Manager, Group Control; Otis Elevator Company

Marla Prenger ................................................................. 198
   Associate Scientist; Procter and Gamble

Edward H. Preston ............................................................ 200
   Sr. Information Systems Engineer; MITRETEK Systems, Inc.

Fred L. Preston ............................................................... 202
   Systems Engineer; Lucent Technologies

Diane R. Purcell .............................................................. 204
   Financial Analyst; KeyCorp

#Amanda Quiring ............................................................. 206
   Project Manager; International Accounting Standards Board

Laura Readdy ................................................................. 208
   Advanced Systems Engineer; Electronic Data Systems Corporation (EDS)

Brian D. Repp ................................................................. 210
   Senior Data Math Analyst; Bendix Field Engineering Corporation

Mark A. Reynolds ............................................................ 212
   Operations Research Manager; USAir, Inc.

Nancy K. Roderer .............................................................. 214
   Director; Harvey Cushing/John Hay Whitney Medical Library, Yale University

Peter Rosenthal ............................................................... 216
   Professor; University of Toronto

David S. Ross ............................................................... 218
   Research Associate; Eastman Kodak Company
Edward Rothstein ........................................................................ 220
    Cultural Critic-At-Large; New York Times

Christine Rutch ........................................................................ 222
    Associate Statistician; Air Products and Chemicals, Inc.

Bonita V. Saunders ................................................................. 224
    Mathematician; National Institute of Standards and Technology

Julie Scarpa ............................................................................. 228
    Mathematics Product Manager; Prentice Hall School Division

Jeffrey A. Schneider ............................................................... 230
    Secondary Mathematics Teacher; Eden Prairie High School

Joel Schneider .......................................................................... 232
    Vice President for Education and Research; Square One TV: Children's Television Workshop

Deborah A. Southan ............................................................... 236
    Scientific Systems Programmer; Bendix Field Engineering Corporation

Mitchell Stabbe ........................................................................ 238
    Partner; Dow, Lohnes & Albertson, PLLC

Arthur P. Staddon .................................................................... 240
    Clinical Associate Professor; University of Pennsylvania School of Medicine

#Courtney Stephens ............................................................... 242
    Senior Commercial Analyst; The Americas Marathon Oil Company

Robert L. Stewart ..................................................................... 244
    NASA Astronaut/Director of Advanced Programs; Nichols Research Corporation

Mary Kay Esworthy Stiles ...................................................... 246
    Marketing Specialist/Claims Manager; Riedman Insurance

Kathy Haas Stukus .................................................................... 248
    Member Technical Staff; AT&T Network Systems

Lisa M. Sullivan ........................................................................ 250
    Senior Budget Analyst; Bureau of Medicine and Surgery, Department of the Navy

Elizabeth Sweet .................................................................... 252
    Mathematical Statistician; Bureau of the Census

Julie S. Tarwater ....................................................................... 254
    Quality Control Manager; Biles & Associates

Debra W. Taufen ....................................................................... 256
    Marketing Manager; IBM Corporation

Frederick C. Taverner ............................................................ 258
    District Systems Engineering Manager; Sun Microsystems, Inc.

Mark P. Terry ........................................................................... 260
    Systems Engineer; Trident Systems Incorporated

Jill L. Tolle .............................................................................. 262
    Senior Statistician; I.M.S. America

Lisa M. Tonder .......................................................................... 264
    Principal Statistician; Medtronic, Inc.

#Jane Turnbull .......................................................................... 268
    Assistant Vice President; Equifax