

# A SCIENTIFIC DISSENT FROM DARWINISM

*“We are skeptical of claims for the ability of random mutation and natural selection to account for the complexity of life. Careful examination of the evidence for Darwinian theory should be encouraged.”*

**This was last publicly updated December 2011. Scientists listed by doctoral degree or current position.**

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| Robert J. Graham          | Ph.D. Chemical Engineering  | Iowa State University                          |
| M. Harold Laughlin        | Professor & Chair, Department of Biomedical Sciences                    | University of Missouri                         |
| Samuel C. Winchester      | Klopman Distinguished Professor Emeritus (Ph.D. Princeton)              | North Carolina State University                |
| George Lebo               | Associate Professor of Astronomy  | University of Florida                          |
| Kurt J. Henle             | Professor Emeritus (Ph.D. Biophysics, University of Pennsylvania)       | University of Arkansas for Medical Sciences    |
| J.B. Lee                  | Assistant Professor of Electrical Engineering                           | University of Texas, Dallas                    |
| James O. Dritt            | Ph.D. Civil Engineering & Environmental Science                         | University of Oklahoma                         |
| Matti Leisola             | Professor, Laboratory of Bioprocess Engineering                         | Helsinki University of Technology              |
| Manuel Garcia Ulloa Gomez | Director of Marine Sciences Laboratory                                  | Autonomous University of Guadalajara (Mexico)  |
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| Glen E. Deal              | Ph.D. Electrical Engineering  | Florida Institute of Technology                |
| Lane Lester               | Ph.D. Genetics  | Purdue University                              |
| Paul Whitehead            | Ph.D. Chemical Thermodynamics   | University of Natal (South Africa)             |
| Catherine Lewis           | Ph.D. Geophysics  | Colorado School of Mines                       |
| John R. Goltz             | Ph.D. Electrical Engineering  | University of Arizona                          |
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| Garrick Little        | Ph.D. Organic Chemistry  |  |
| John Nichols          | Ph.D. Mathematics  |  |
| Mark Bearden          | Ph.D. Electrical & Computer Engineering  |  |
| Harry Lubansky        | Ph.D. Biological Chemistry   |  |
| Daniel L. Moran       | Ph.D. Molecular & Cellular Biology   |  |
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| Jed Macosko           | Ph.D. Chemistry  |  |
| Nigel Surridge        | Ph.D. Electrochemistry & Photochemistry  |  |
| Christopher Macosko   | Ph.D. Chemical Engineering   |  |
| David Keller          | Associate Professor of Chemistry   |  |
| Allen Magnuson        | Ph. D. Theoretical & Applied Mechanics   |  |
| Amy Ward              | Ph.D. Mathematics  |  |
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| Robert Marks          | Professor, Signal & Image Processing   |  |
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| Jesus Ambriz          | Professor of Medicine  |  |
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| Manfredo Pansa        | Ph.D. Computer Science   |  |
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| Evgeny Shirokov       | Faculty Lecturer (Nuclear and Particle Physics)  |  |
| Charles E. Hunt       | Professor of Electrical & Computer Engineering, Professor of Design<br>Also, Visiting Professor of Physics |  |
| Andy McIntosh         | Full Professor of Thermodynamics and Combustion Theory   |  |
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| Martin Poenie         | Associate Professor of Molecular and Cell Biology  |  |
| Haim Shore            | Professor of Quality and Reliability Engineering (Ph.D. Statistics)  |  |
| Tony Mega             | Ph.D. Biochemistry   |  |
| Carl Poppe            | Ph.D. Physics  |  |
| Keith P. Birch        | Ph.D. Atmospheric Physics  |  |
| James Menart          | Associate Professor of Mechanical Engineering  |  |
| Theodor Liss          | Ph.D. Chemistry  |  |
| James Keesling        | Professor of Mathematics   |  |
| Brian Miller          | Ph.D. Physics  |  |
| Christopher D. Beling | Associate Professor of Physics   |  |
| Art Nitz              | Ph.D. Anatomy & Neurobiology   |  |
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| Granville Sewell        | Professor of Mathematics  | University of Texas, El Paso                          |
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| Marshall Adams          | Ph.D. Marine Sciences   | University of North Carolina, Chapel Hill             |
| Stephen Sewell          | Assistant Professor of Family Medicine                                | Texas A&M University                                  |
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| Douglas Nelson Rose     | Research Physicist  | United States Army                                    |
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| Dale Spence             | Emeritus Professor of Kinesiology                                     | Rice University                                       |
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| Jeffrey L. Vaughn       | Ph.D. Engineering   | University of California, Irvine                      |
| Timothy Standish        | Ph.D. Environmental Biology   | George Mason University                               |
| Robert W. Kopitzke      | Professor of Chemistry  | Winona State University                               |
| William Hankley         | Professor of Computer Science   | Kansas State University                               |
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| Jason David Ward          | Associate Professor of Physics   | University of Oklahoma                                   |
| Scott A. Renner           | Ph.D. Molecular Biology and Biochemistry                               | Glasgow University (UK)                                  |
| John Studenroth           | Ph.D. Computer Science   | University of Illinois at Urbana-Champaign               |
| Peter M. Rowell           | Ph.D. Plant Pathology  | Cornell University                                       |
| Mark Swanson              | D.Phil. Physics  | University of Oxford (UK)                                |
| Ricardo Bravo Méndez      | Ph.D. Biochemistry   | University of Illinois                                   |
| João Jorge Ribeiro Soares | Professor of Zoology and Ichthyology                                   | Universidad de Valparaíso (Chile)                        |
| Rafi Ahmed                | Gonçalves de Araújo, Assistant Professor, Department of Mathematics    | Open University (Portugal)                               |
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| Justin Holl               | C.J. Cavanaugh Chair in Biology  | Louisiana College  |
| Bela Szilagyi             | Ph.D. Animal Science   | University of Nebraska, Lincoln                          |
| András Vukics             | Ph.D. Physics  | University of Pittsburgh                                 |
| Wildon Fickett            | Ph.D. in Physics   | University of Szeged, Hungary                            |
| Richard Mann              | Ph.D. in Chemistry   | Caltech  |
| Daniel Tedder             | Ph.D. Physical Chemistry   | Princeton University                                     |
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| Todd Watson          | Assistant Professor of Urban & Community Forestry                      | Texas A & M University                                |
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| Woody Weed           | Mechanical Engineer, Science & Technology Division                     | Sandia National Labs                                  |
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| Ed Neeland           | Professor of Chemistry   | Okanagan University                                   |
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| Noel Funderburk      | Ph.D. Microbiology   | University of North Texas                             |
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| Ken Pascoe           | Ph.D. Electrical Engineering   | Air Force Institute of Technology                     |
| John H. Whitmore     | Associate Professor of Geology   | Cedarville University                                 |
| Ernest L. Brannon    | Professor Emeritus, Distinguished Research Professor (Ph.D. Fisheries) | University of Idaho                                   |
| Miroslav Hill        | Former Director of Research  | Centre National de la Recherche Scientifique (France) |
| Christopher Williams | Ph.D. Biochemistry   | Ohio State University                                 |
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| Christopher Scurlock  | Ph.D. Chemistry   |   |
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| Bruno Lemaire         | Professor, Decision Science & Information Systems (Ph.D. Mathematics) |   |
| David Zartman         | Ph.D. Genetics & Animal Breeding                                      |   |
| Charles T. Rombough   | Ph.D. Engineering   |   |
| Ingolf Kanestrøm      | Professor Emeritus, Department of Geoscience                          |   |
| Henry Zuill           | Emeritus Professor of Biology   |   |
| Jane M. Orient        | Clinical Lecturer in Medicine   |   |
| John C. Sanford       | Courtesy Associate Professor of Horticultural Sciences                |   |
| Frank Young           | Ph.D. Computer Engineering  |   |
| Murray E. Moore       | Ph.D. Mechanical Engineering  |   |
| William J. Powers     | Ph.D. Physics   |   |
| William DeJong        | Ph.D. Computer Science  |   |
| Max G. Walter         | Associate Professor of Radiology                                      |   |
| Rosa María Muñoz      | Head of Biopharmacy Department  |   |
| Scott R. Fulton       | Ph.D. Atmospheric Science   |   |
| Don Olson             | Ph.D. Analytical Chemistry  |   |
| Graham Marshall       | Ph.D. Analytical Chemistry  |   |
| Ke-Wei Zhao           | Ph.D. Neuroscience  |   |
| Philip R. Page        | Ph.D. Theoretical Particle Physics                                    |   |
| Roger Wiens           | Ph.D. Physics   |   |
| Mark Toleman          | Ph.D. Molecular Microbiology  |   |
| Robert O. Kalbach     | Ph.D. Physical Chemistry  |   |
| Gregory J. Brewer     | Prof. of Neurology, Medical Microbiology, Immunology and Cell Biology |   |
| Neil Huber            | Dr. rer. nat. (Ph.D. Anthropology)                                    |   |
| Marc C. Daniels       | Associate Professor of Biology  |   |
| J.D. Moolenburgh      | Ph.D. Epidemiology  |   |
| Roger Lien            | Ph.D. Physiology  |   |
| Dean Schulz           | Ph.D. Computer Science  |   |
| John Millam           | Ph.D. Computational Chemistry   |   |
| Joseph Lary           | Epidemiologist and Research Biologist (retired)                       |   |
| Richard S. Beale, Jr. | Ph.D. Entomology  |   |
| Ernest M. Thiessen    | Ph.D. Civil & Environmental Engineering                               |   |
| Tianyou Wang          | Research Scientist  |   |
| Øyvind A. Voie        | Ph.D. Biology   |   |
| David K. Shortess     | Professor of Biology (Retired)  |   |
| A.D. Harrison*        | Emeritus Professor of Biology   |   |

|                          |   |  |
|--------------------------|---|--|
| William P. Shulaw        | Professor of Veterinary Preventive Medicine                               | The Ohio State University  |
| Darrell R. Parnell       | Ph. D. University Level Science Education                                 | Kansas State University  |
| Daniel W. Barnette       | Ph. D. Aerospace Engineering  | Stanford University  |
| David William Jensen     | Professor of Biology  | Tomball College  |
| Edward M. Bohn           | Ph. D. Nuclear Engineering  | University of Illinois   |
| Robert G. Vos            | Ph.D. Civil/Structural Engineering  | Rice University  |
| Yvonne Boldt             | Ph. D. Microbiology   | University of Minnesota  |
| William B. Collier       | Ph. D. Physical Chemistry   | Oklahoma State University  |
| Edward Gade              | Professor Emeritus of Mathematics   | University of Wisconsin, Oshkosh   |
| James E. Nymann          | Emeritus Professor of Mathematics   | University of Texas at El Paso   |
| Malcolm A. Cutchins      | Ph. D. Engineering Mechanics  | Virginia Tech  |
| Lisanne D'Andrea-Winslow | Ph. D. Cell Biology & Biochemistry  | Rutgers University   |
| Holger Daugaard          | Ph. D. Agronomy   | Danish Institute of Agricultural Sciences (Denmark)  |
| Shieu-Hong Lin           | Assistant Professor of Computer Science (Ph.D., Brown University)         | Biola University   |
| W. John Durfee           | Assistant Professor of Pharmacology                                       | Case Western Reserve University  |
| Dominic M. Halsmer       | Ph. D. Mechanical Engineering   | UCLA   |
| Charles B. Lowrey        | Ph.D. Chemistry   | University of Houston  |
| Jeffrey H. Harwell       | Ph. D. Chemical Engineering   | University of Texas, Austin  |
| Frank Cheng              | Associate Professor of Chemistry  | University of Idaho  |
| David Heddle             | Ph. D. Physics  | Carnegie Mellon University   |
| Yoshiyuki Amemiya        | Professor of Advanced Materials Science & Applied Physics                 | The University of Tokyo  |
| Barbara S. Helmkamp      | Ph.D. Theoretical Physics   | Louisiana State University   |
| David C. Kem             | Professor of Medicine   | University of Oklahoma College of Medicine   |
| C. Thomas Luiskutty      | Ph.D. Physics   | Univ. of Louisville  |
| Wusi Maki                | Research Asst. Professor, Dept. of Microbiology, Mol. Biology, & Biochem. | University of Idaho  |
| A. Cordell Perkes        | Ph.D. Science Education   | Ohio State University  |
| John D. Cook             | Head of Software Development (Ph.D. Mathematics, U.T. Austin)             | Department of Biostatistics & Applied Mathematics,<br>U. of Texas, M.D. Anderson Cancer Center |
| Tony Prato               | Prof. of Ecological Economics   | University of Missouri   |
| Charles G. Sanny         | Prof. of Biochemistry   | Oklahoma State University Ctr. for Health Sciences   |
| Jairam Vanamala          | Postdoctoral Research Associate, Faculty of Nutrition                     | Faculty of Nutrition, TAMU, College Station  |
| Gordon L. Wilson         | Ph.D. Environmental Science and Public Policy                             | George Mason University  |
| Robin D. Zimmer          | Ph.D. Environmental Sciences  | Rutgers University   |
| Karl Duff                | Sc.D. Mechanical Engineering  | Massachusetts Institute of Technology  |
| David Jansson            | Sc.D. Instrumentation and Automatic Control                               | Massachusetts Institute of Technology  |
| C. Steven Murphree       | Professor of Biology  | Belmont University   |
| Alfred G. Ratz           | Ph.D. Engineering Physics   | University of Toronto (Canada)   |
| Chris Cellucci           | Associate Professor of Physics  | Ursinus College  |
| Gary Maki                | Director, Ctr. for Advanced Microelectronics and Biomolecular Research    | University of Idaho  |
| Ronald S. Carson         | Ph.D. Nuclear Engineering   | University of Washington   |
| Joseph A. Strada         | Ph.D. Aeronautical Engineering  | Naval Postgraduate School  |
| Olaf Karthaus            | Associate Professor, Chemistry  | Chitose Institute of Science & Technology (Japan)  |
| Arnold Eugene Carden     | Professor Emeritus of Engineering Science & Mechanics                     | University of Alabama  |
| John B. Marshall         | Professor of Medicine   | University of Missouri School of Medicine  |
| Robert B. Sheldon        | Ph.D. Physics   | University of Maryland, College Park   |

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|-----------------------------|---|--|
| B. K. Nelson                | Research Toxicologist (retired)   | Centers for Disease Control and Prevention         |
| Hansik Yoon                 | Ph.D. Fiber Science   | Seoul National University (South Korea)            |
| David Conover               | Ph.D. Health Physics  | Purdue University                                  |
| Luis Paulo Franco de Barros | D.Sc. Mechanical Engineering  | Pontificia Universidade Católica (Brazil)          |
| Richard W. Pooley           | Professor of Surgery (retired)  | New York Medical College                           |
| Arthur Chadwick             | Ph.D. Molecular Biology   | University of Miami                                |
| Lennart Saari               | Adjunct Professor, Wildlife Biology                                     | University of Helsinki (Finland)                   |
| Douglas G. Frank            | Ph.D. Surface Electrochemistry  | University of Cincinnati                           |
| James G. Tarrant            | Ph.D. Organic Chemistry   | University of Texas, Austin                        |
| N. Ricky Byrn               | Ph.D. Nuclear Engineering   | Georgia Institute of Technology                    |
| Jeffrey E. Lander           | Ph.D. Biomechanics  | University of Oregon                               |
| Curtis Hawkins              | Asst. Clinical Professor of Dermatology                                 | Case Western Reserve Univ. School of Medicine      |
| Mary A. Brown               | DVM (Veterinary Medicine)   | Ohio State University                              |
| Thomas H. Marshall          | Adjunct Professor, Food Agricultural and Biological Engineering         | Ohio State University                              |
| Charles H. McGowen          | Assistant Professor of Medicine   | Northeastern Ohio Universities College of Medicine |
| Ronald R. Crawford          | Ed.D. Science Education   | Ball State University                              |
| Matti Junnila               | DVM, Ph.D. Veterinary Pathology   | University of Helsinki (Finland)                   |
| Dean Svoboda                | Ph.D. Electrical Engineering  | The Ohio State University                          |
| Ruth C. Miles               | Professor of Chemistry  | Malone College                                     |
| Mark J. Lattery             | Associate Professor of Physics  | University of Wisconsin-Oshkosh                    |
| William McVaugh             | Associate Professor of Biology  | Department of Natural Sciences, Malone College     |
| Jeffrey M. Goff             | Associate Professor of Chemistry  | Malone College                                     |
| Jarrold W. Carter           | Ph.D. Bioengineering  | University of Washington                           |
| David B. Medved*            | Ph.D. Physics   | University of Pennsylvania                         |
| Theodore W. Geier           | Ph.D. Forrest Hydrology   | University of Minnesota                            |
| Christian Heiss             | Post-Doctoral Associate   | Complex Carbohydrate Res. Ctr., Univ. of Georgia   |
| G. Bradley Schaefer         | Professor of Pediatrics   | University of Nebraska Medical Center              |
| Bruce Simat                 | Associate Professor of Biology  | Northwestern College                               |
| Teresa Gonske               | Assistant Professor of Mathematics                                      | Northwestern College                               |
| Thomas Mundie               | Dean of the School of Science & Technology                              | Georgia Gwinnett College                           |
| Scott S. Kinnes             | Professor of Biology  | Azusa Pacific University                           |
| James A. Huggins            | Chair, Dept. of Biology & Dir., Hammons Center for Scientific Studies   | Union University                                   |
| Jonathan A. Zderad          | Assistant Professor of Mathematics                                      | Northwestern College                               |
| Michael R. Egnor            | Professor and Vice-Chairman, Dept. of Neurological Surgery              | State University of New York at Stony Brook        |
| I. Caroline Crocker         | Ph.D. Immunopharmacology  | University of Southampton (UK)                     |
| Donald J. Hanrahan          | Ph.D. Electrical Engineering  | University of Maryland                             |
| Gintautas Jazbutis          | Ph.D. Mechanical Engineering  | Georgia Institute of Technology                    |
| Paul S. Darby               | Ph.D. Organic Chemistry   | University of Georgia                              |
| Changhyuk An                | Ph.D. Physics   | University of Tennessee                            |
| L. Kirt Martin              | Professor of Biology  | Lubbock Christian University                       |
| Gerald Schroeder            | Ph.D. Earth Sciences & Nuclear Physics                                  | Massachusetts Institute of Technology              |
| Rod Rogers                  | Ph.D. Agronomy/Plant Breeding   | Iowa State University                              |
| David W. Herrin             | Research Assistant Professor in Mechanical Engineering                  | University of Kentucky                             |
| Glen Needham                | Associate Professor of Entomology                                       | The Ohio State University                          |
| E. Byron Rogers             | Professor of Chemistry; Chair, Dept. of Mathematics & Physical Sciences | Lubbock Christian University                       |

|                       |   |   |
|-----------------------|---|---|
| Vladimir L. Voeikov   | Vice-Chairman, Chair of Bio-organic Chemistry, Faculty of Biology         | Lomonosov Moscow State University (Russia)                              |
| Ricardo Leon          | Dean of School of Medicine  | Autonomous University of Guadalajara (Mexico)                           |
| Eugene C. Ashby       | Regents' Professor and Distinguished Professor Emeritus                   | Georgia Institute of Technology   |
| JoAnne Larsen         | Assistant Professor of Industrial Engineering                             | University of South Florida, Lakeland                                   |
| Douglas Axe           | Director (Ph.D. Chemical Engineering, California Institute of Technology) | Biologic Institute  |
| Joel Brind            | Professor of Biology  | Baruch College, City University of New York                             |
| William F. Basener    | Associate Professor of Mathematics  | Rochester Institute of Technology                                       |
| L. Whit Marks         | Emeritus Professor of Physics   | University of Central Oklahoma  |
| Jan Peter Bengtson    | Associate Professor (M.D., Ph.D. Intensive Care Medicine)                 | University of Gothenburg (Sweden)                                       |
| Perry Mason           | Professor of Mathematics and Physical Science                             | Lubbock Christian University  |
| Timothy A. Mixon      | Assistant Professor of Medicine   | Texas A&M University  |
| Lawrence DeMejo       | Ph.D. Polymer Science and Engineering                                     | University of Massachusetts at Amherst                                  |
| Charles Garner        | Professor of Chemistry  | Baylor University   |
| Lynne Parker          | Professor of Computer Science (Ph.D. MIT)                                 | Distributed Intelligence Lab, University of Tennessee                   |
| Ivan M. Lang          | Ph.D. Physiology and Biophysics   | Temple University   |
| David J. Lawrence     | Ph.D. Physics   | Washington University, St. Louis  |
| John G. Hoey          | Ph.D. Molecular and Cellular Biology                                      | City University of New York Graduate School                             |
| Theodore J. Siek      | Ph.D. Biochemistry  | Oregon State University   |
| John P. Rickert       | Ph.D. Mathematics   | Vanderbilt University   |
| Christian M. Loch     | Ph.D. Biochemistry and Molecular Genetics                                 | University of Virginia  |
| David W. Rusch        | Sr. Research Scientist, Laboratory for Atmospheric and Space Physics      | University of Colorado  |
| Charles A. Signorino  | Ph.D. Organic Chemistry   | University of Pennsylvania  |
| Luke Randall          | Ph.D. Molecular Microbiology  | University of London (UK)   |
| Jan Frederic Dudd     | Associate Professor of Biology  | Grove City College  |
| Glenn A. Marsch       | Associate Professor of Physics  | Grove City College  |
| Eduardo Sahagun       | Professor of Botany   | Autonomous University of Guadalajara (Mexico)                           |
| Mark A. Chambers      | Ph.D. Virology  | University of Cambridge (UK)  |
| Gary Hook             | Ph.D. Environmental Science   | Uniformed Services University of the Health Sciences                    |
| Daniel Howell         | Ph.D. Biochemistry  | Virginia Tech   |
| Joel D. Hubbard       | Associate Professor, Dept. of Lab. Science and Primary Care               | Texas Tech University Health Sciences Center                            |
| C. Roger Longbotham   | Ph.D. Statistics  | Florida State University  |
| Hugh L. Henry         | Lecturer (Ph.D. Physics, University of Virginia)                          | Northern Kentucky University  |
| Jonathan D. Eisenback | Professor of Plant Pathology Dept. of Plant Pathology and Weed Science    | Virginia Tech   |
| Eduardo Arroyo        | Professor of Forensics (Ph.D. Biology)                                    | Complutense University (Spain)  |
| Peter Silley          | Ph.D. Microbial Biochemistry  | University of Newcastle upon Tyne                                       |
| E. Norbert Smith      | Ph.D. Zoology   | Texas Tech University   |
| Peter C. Iwen         | Professor of Pathology and Microbiology                                   | University of Nebraska Medical Center                                   |
| Paul Roschke          | A.P. and Florence Wiley Professor, Dept. of Civil Engineering             | Texas A&M University  |
| Luman R. Wing         | Associate Professor of Biology  | Azusa Pacific University  |
| Edward F. Blick       | Ph.D. Engineering Science   | University of Oklahoma  |
| Wesley M. Taylor      | Former Chairman of the Division of Primate Medicine & Surgery             | New England Regional Primate Research Center,<br>Harvard Medical School |
| Don England           | Professor Emeritus of Chemistry   | Harding University  |
| Wayne Linn            | Professor Emeritus of Biology   | Southern Oregon University  |
| James Gundlach        | Associate Professor of Physics  | John A. Logan College   |

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|--------------------|--|---|
| Guillermo Gonzalez | Associate Professor of Astronomy                                     | Iowa State University   |
| Tim Droubay        | Ph.D. Physics  | University of Wisconsin-Milwaukee   |
| Gregory D. Bossart | Director and Head of Pathology                                       | Harbor Branch Oceanographic Institution   |
| Barry Homer        | Ph.D. Mathematics  | Southampton University (UK)   |
| Jiří Vácha         | Professor Emeritus of Pathological Physiology                        | Institute of Pathophysiology, Masaryk University<br>(Czech Republic)                        |
| Richard J. Neves   | Professor of Fisheries, Dept. of Fisheries and Wildlife Sciences     | Virginia Tech   |
| David Deming       | Associate Professor of Geosciences                                   | University of Oklahoma  |
| Gregory A. Ator    | Associate Professor, Department of Otolaryngology                    | University of Kansas Medical Center   |
| Erkki Jokisalo     | Ph.D. Social Pharmacy  | University of Kuopio (Finland)  |
| John S. Roden      | Associate Professor of Biology                                       | Southern Oregon University  |
| Donald W. Russell  | Adjunct Assistant Clinical Professor                                 | University of North Carolina School of Medicine   |
| Neil Armitage      | Associate Professor of Civil Engineering                             | University of Cape Town (South Africa)  |
| Geoff Barnard      | Senior Research Scientist, Department of Veterinary Medicine         | University of Cambridge (UK)  |
| Richard Hassing    | Ph.D. Theoretical Physics  | Cornell University  |
| Olivia Torres      | Professor-Researcher (Human Genetics)                                | Autonomous University of Guadalajara (Mexico)   |
| Donald A. Kangas   | Professor of Biology   | Truman State University   |
| Alvin Masarira     | Senior Lecturer for Structural Engineering and Mechanics             | University of Cape Town (South Africa)  |
| George A. Ekama    | Professor, Water Quality Engineering, Dept of Civil Engineering      | University of Cape Town (South Africa)  |
| Alistair Donald    | Ph.D. Environmental Science/Quaternary or Pleistocene Palynology     | University of Wales (UK)  |
| Thomas C. Majerus  | PharmD; FCCP   | University of Minnesota   |
| Ferenc Farkas      | Ph.D. Applied Chemical Sciences                                      | Technical University of Budapest (Hungary)  |
| Scott A. Chambers  | Affiliate Professor of Chemistry and Materials Science & Engineering | University of Washington  |
| Cris Eberle        | Ph.D. Nuclear Engineering  | Purdue University   |
| Dennis M. Sullivan | Professor of Biology and Bioethics                                   | Cedarville University   |
| Rodney M. Rutland  | Department Head & Associate Professor of Kinesiology                 | Anderson University   |
| Alastair M. Noble  | Ph.D. Chemistry  | University of Glasgow (Scotland)  |
| Robert D. Orr      | Professor of Family Medicine   | University of Vermont College of Medicine   |
| Laverne Miller     | Clinical Associate Professor of Family Medicine                      | Medical College of Ohio   |
| Laura Burke        | Former Associate Professor of Industrial Engineering                 | Lehigh University   |
| Terry W. Spencer   | Former Chair, Department of Geology & Geophysics                     | Texas A&M University  |
| Bert Massie        | Ph.D. Physics  | University of California, Los Angeles   |
| Mark C. Porter     | Ph.D. Chemical Engineering   | Massachusetts Institute of Technology   |
| S. Thomas Abraham  | Assistant Professor of Pharmacology & Toxicology                     | Campbell University School of Pharmacy  |
| John L. Hoffer     | Professor of Engineering;<br>(also) Professor of Anesthesiology      | Texas A&M University College of Engineering;<br>Texas A&M Univ. Syst. Health Science Center |
| Herman Branover    | Professor of Mechanical Engineering                                  | Ben-Gurion University (Israel)  |
| Martin Krause      | Research Scientist (Astronomy)                                       | University of Cambridge (UK)  |
| James G. Bentsen   | Ph.D. Chemistry  | Massachusetts Institute of Technology   |
| Charles N. Delzell | Professor of Mathematics (Ph.D. Stanford)                            | Louisiana State University  |
| Curtis Hrischuk    | Ph.D. Electrical Engineering   | Carleton University (Canada)  |
| Guang-Hong Chen    | Assistant Professor of Medical Physics & Radiology                   | University of Wisconsin-Madison   |
| Doug Hufstедler    | Ph.D. Animal Nutrition   | Texas A&M University  |
| Justin Long        | Ph.D. Chemical Engineering   | Iowa State University   |
| James E. Rankin    | Ph.D. General Relativity   | Yeshiva University (Israel)   |

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|------------------------|---|--|
| Donald F. Smee         | Research Professor (Microbiology)                                     | Utah State University  |
| Colin R. Reeves        | Professor of Operational Research (Ph.D. Evolutionary Algorithms)     | Coventry University (UK)                                       |
| Eugene K. Balon        | University Professor Emeritus, Department of Integrative Biology      | University of Guelph (Canada)                                  |
| William F. Smith       | Ph.D. in Molecular & Cellular Biology                                 | McGill University  |
| William A. Eckert III  | Ph.D. in Cell & Molecular Physiology                                  | University of North Carolina, Chapel Hill                      |
| Hannes Fischer         | Ph.D. in Molecular Biology  | University of Pennsylvania                                     |
| Ronald D. DeGroat      | Ph.D. Electrical Engineering  | University of Colorado at Boulder                              |
| John R. Fritch         | Ph.D. in Chemistry  | University of California Berkeley                              |
| Emilio Cervantes       | Ph.D. in Molecular Biology  | University of Salamanca, Spain                                 |
| Dave Jansson           | Sc.D. in Engineering  | Massachusetts Institute of Technology                          |
| Charles A. Rodenberger | Ph.D. in Aerospace Engineering  | University of Texas at Austin                                  |
| William Murphy         | Ph.D. in Chemistry  | Columbia University  |
| Valdemar W. Setzer     | Ph.D. in Applied Mathematics  | University of São Paulo, Brazil                                |
| Brandon van der Ventel | Ph.D. in Theoretical Nuclear Physics                                  | Stellenbosch University  |
| Eric Montgomery        | Ph.D. in Physics  | Stellenbosch University  |
| Neil Steiner           | Ph.D. in Electrical Engineering                                       | Virginia Tech  |
| Jeffery R. Layne       | Ph.D. in Electrical Engineering                                       | The Ohio State University                                      |
| Ferenc Tóth            | Ph.D. in Agricultural Sciences  | Szent István University, Gödöllő, Hungary                      |
| Christian A. Widener   | Ph.D. Mechanical Engineering  | Wichita State University                                       |
| Timothy H. Heil        | Ph.D. in Computer Engineering   | University of Wisconsin, Madison                               |
| Fred B. Maas           | Ph.D. in Agronomy   | Purdue University  |
| Mike Viccary           | Ph.D. in Solid State Chemistry  | University of Bradford   |
| Michael N. Keas        | Professor of History and Philosophy of Science                        | The College at Southwestern                                    |
| Gérald Pech            | Ph.D. in Satellite Communications & Networking                        | Supaero (Higher Institute of Space and Aeronautics),<br>France |
| Marco Fasoli           | Ph.D. in Biochemistry   | University of Cambridge (UK)                                   |
| Chrystal L. Ho Pao     | Assistant Professor of Biology (Ph.D. Molecular Genetics, Harvard U.) | Trinity International University                               |
| Donald E. Johnson      | Ph.D. Computer & Information Sciences                                 | University of Minnesota  |
|                        | Also: Ph.D. Chemistry   | Michigan State University                                      |

\*= Deceased since signing statement.

Note: Unless updated information has been received, positions listed are those held by signers when they signed the statement.