

# 2019

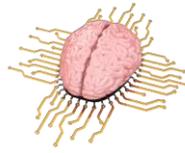
## Proclaimed Mad Scientists

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### Competition and Conflict: Today to 2035

#### National Intelligence Council

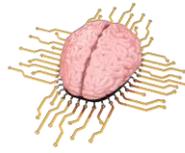
1. Mike Allison, Principal Deputy National Intelligence Officer-Military Issues, National Intelligence Council
2. Amy McAuliffe (T), Chair, National Intelligence Council
3. General Paul E. Funk II, Commanding General, U.S. Army Training and Doctrine Command
4. Major General John A. George, Acting Director, Futures and Concepts Center, Army Futures Command
5. Michael G. Vickers—former USD(I)
6. T.X. Hammes—National Defense University
7. Thomas J. Wright—Author-All Measures Short of War: The Contest for the 21<sup>st</sup> Century & The Future of American Power
8. Tony Schinella, NIO-Military Issues
9. Sean McFate—Author-*The New Rules of War: Victory in the Age of Durable Disorder*
10. Michael O-Hanlon—Senior Fellow and Director of Research, Brookings Institute
11. J. Noel Williams—Futurist and Force Structure Expert, SRIG
12. Maria Langan-Riekhof
13. Donna Horning
14. James Dzuris
15. Justin Handley
16. Ronald Draker
17. Jared Harrington
18. James Schultz



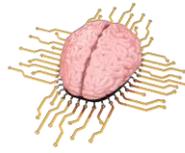
19. Debra Hodnik
20. Eric Hausmann
21. Elan B.
22. Michael Rios
23. Anickan Udowana
24. Trey S.
25. Jefferson G.
26. John Culver
27. Hunter Grimes
28. Chris Bort
29. Chris Kofron
30. Greg Whisler
31. Major General (USA-Ret.) Bill Hix
32. Jeff Becker
33. Darren Dick
34. Zachery Tyson Brown

## **Disruption and the Future Operational Environment University of Texas at Austin, Austin TX**

35. Lieutenant General James M. Richardson, Deputy Commanding General, U.S. Army Futures Command
36. Dean Sharon Wood, University of Texas at Austin, Cockrell School of Engineering
37. Dr. James Canton, Global Futurist, Institute for Global Futures
38. Mr. Robert O. Work, Senior Counselor for Defense and Distinguished Senior Fellow for Defense and National Security, Center for a New American Security (CNAS) and Owner, TeamWork, LLC



39. Dr. Paul Zablocky, Program Manager, Strategic Technology Office (STO), Defense Advanced Research Projects Agency (DARPA)
40. Dr. Peter Stone, Professor, Computer Science, University of Texas at Austin
41. Dr. Garrett Warnell, Research Scientist, Army Research Lab South
42. Dr. Mitch Pryor, Research Scientist, Mechanical Engineering, University of Texas at Austin
43. Dr. Brian O'Neil, Research and Development Engineer, Los Alamos National Labs
44. Dr. Maruthi Akella, Professor, Aerospace Engineering and Engineering Mechanics, University of Texas at Austin
45. Dr. Todd Humphreys, Associate Professor, Aerospace Engineering and Engineering Mechanics, University of Texas at Austin
46. Mr. Coitt Kessler, Robotics for Emergency Deployment Team, Austin Fire Department
47. Dr. Julie A. Adams, Associate Director of Research, Collaborative Robotics and Intelligent Systems Institute, Electrical Engineering and Computer Science, Oregon State University
48. Brigadier General James P. Bienlien, G 3/5/7 Futures and Concepts Center, U.S. Army Futures Command
49. Dr. Troy Alexander, Technology Forecasting Lead, Combat Capabilities Development Command (CCDC), Army Research Laboratory
50. Dr. Julia Badger, Project Manager, Robotics Intelligence for Human Spacecraft Team, NASA
51. Dr. Ken Fleischmann, Associate Professor, School of Information, University of Texas at Austin
52. Dr. Jakki Bailey, Assistant Professor, School of Information, University of Texas at Austin
53. Dr. Danna Gurari, Assistant Professor, School of Information, University of Texas at Austin
54. Dr. Matt Lease, Associate Professor, School of Information, University of Texas at Austin
55. Dr. Alex Roesler, Deputy Director, Integrated Military Systems Center, Sandia National Labs
56. Dr. Gary Polansky, Chief Scientist for Hypersonic Technology Development and Applications, Sandia National Labs
57. Dr. Moriba K. Jah, Associate Professor, Aerospace Engineering and Engineering Mechanics, University of Texas at Austin
58. Dr. Diane Howard, Adjunct Professor, School of Law, University of Texas at Austin



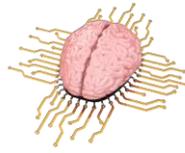
59. Michael C. Sekora, Founding Director Socrates Project)
60. Mr. Matt Bold, Lockheed Martin
61. Mr. Daniel Michon, J.D. Candidate, University of Texas at Austin School of Law
62. Ms. Cheyenne Williams, Student, University of Texas at Austin
63. Ms. Smita Rao Student, University of Texas at Austin
64. Dr. Andrew D. Ellington, Professor, Molecular Biosciences, University of Texas at Austin
65. Dr. Krista Soderlund, Research Associate, Institute of Geophysics, University of Texas at Austin
66. Dr. John G. Ekerdt
67. Ms. Martha Wells, Science Fiction Author, *Murderbot Diaries*

## **2018 Proclaimed Mad Scientists**

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### **Bio-Convergence and Soldier 2050 SRI International, Menlo, Park CA**

68. Dr. William A. Jeffrey, Chief Executive Officer, SRI International
69. Mr. Peter Kant, Vice President, Federal Partnerships, SRI International
70. Mr. Brynt Parmeter, Civilian Aide to the Secretary of the Army for California (Silicon Valley)
71. Dr. Greg Kovacs, President SRI Biosciences, SRI International
72. Dr. Amy Kruse, Chief Scientific Officer, Platypus Institute
73. Dr. Seth Putterman, Professor of Physics and Astronomy, University of California Los Angeles
74. Mr. Andrew Herr, CEO, Helicase
75. Ms. Stephanie Larson, Space, Missiles, and Forces Intelligence Group, National Air and Space Intelligence Center (NASIC)
76. Ms. Zarah Ahmad, Space, Missiles, and Forces Intelligence Group, National Air and Space Intelligence Center (NASIC)



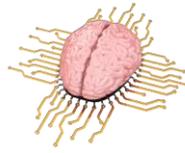
77. Dr. Mike Miller, Professor and Vice Chair, University of California Santa Barbara, Psychological & Brain Sciences
78. Mr. Kettner Griswold, Hertz-Draper Research Fellow, George Church Lab & Edward Boyden Lab, Harvard University
79. Dr. David Brin, Science Fiction Author and Futurist
80. Dr. Philip Perconti, Director, U.S. Army Research Laboratory
81. BG David P. Komar, Director, Capabilities Developments Directorate, Army Capabilities Integration Center (ARCIC), TRADOC
82. Mr. Howard Simkin, Senior Concept Developer, U.S. Army Special Operations Command G-9
83. Dr. Megan Palmer, Center for International Security and Cooperation (CISAC), Stanford University
84. Ms. Elsa Kania, Adjunct Fellow Technology and National Security Program, Center for a New American Security
85. COL Wendy Sammons-Jackson, Ph.D., Military Deputy to the Principal Assistant for Research and Technology, U.S. Army Medical Research and Materiel Command
86. Dr. Elizabeth Mezzacappa, U.S. Army RDECOM-ARDEC Tactical Behavior Research Laboratory (TBRL)
87. Dr. Tien Pham, Senior Campaign Scientist for the Information Sciences Campaign, Army Research Lab (ARL)
88. Dr. Timothy J Broderick, Senior Advisor, SRI Biosciences, SRI International
89. Dr. Michael Snyder, Director, Center for Genomics and Personalized Medicine, Stanford University
90. Mr. Jason Marsh, Director of Technology, NextFlex
91. Mr. Hank Greely, Deane F. and Kate Edelman Johnson Professor of Law and, Professor, by courtesy, of Genetics Stanford Law School

## **Installations of the Future**

### **Georgia Tech Research Institute**

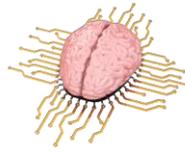
92. Mr. Joe L. Brooks, Director, Electronic, Optics, and Systems Directorate Georgia Technical Research Institute

*(Previously proclaimed) Mr. Richard G. Kidd IV*



*Deputy Assistant Secretary of the Army, Strategic Integration*

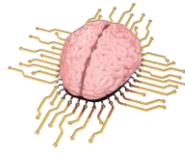
93. LTG Gwen Bingham, Assistant Chief of Staff for Installation Management
94. Mr. Michael Stehn, Specialist Master Strategy & Analytics, Government & Public Services  
Deloitte Consulting, LLP
95. Mr. Tyler M. O'Connor, Senior Consultant Strategy & Analytics, Government & Public Services  
Deloitte Consulting, LLP
96. Dr. Michael E. Legatt, Chief Executive Officer and Founder, ResilientGrid, Inc.
97. Dr. Margaret Loper, Chief Scientist, Information & Communications Laboratory, Georgia Tech  
Research Institute Associate Director, Georgia Tech Institute for Information Security and  
Privacy Chief Technology Officer, Georgia Tech Center for the Development and Application of  
Internet of Things Technologies
98. Ms. Wendy L. Wise, Director, Software Engineering, Honeywell
99. Mr. Albert Crews, Honeywell Building Technologies, Global Director of Offer Management and  
Strategy Connected Building  
  
*(Previously proclaimed) Ms. Grace Simrall, Chief of Civic Innovation and Technology, Louisville  
Metro Government*
100. Mr. Justin Bean, Director of Smart Spaces and Video Intelligence Marketing, Hitachi Vantara
101. Ms. Debra Lam, Managing Director, Smart Cities and Inclusive Innovation, Georgia Tech
102. Mr. Ed Blayney, Innovation Project Manager, Office of Performance Improvement and  
Innovation, Louisville Metro Government
103. COL Clinton W. Cox, Fort Benning Garrison Commander
104. Dr. Marco M. Carvalho, Florida Institute of Technology College of Engineering and Science,  
Harris Institute for Assured Information
105. Dr. Gisele Bennett, Senior Vice President for Research, and Professor, School of Electrical and  
Computer Engineering Florida Institute of Technology, Member, Army Science Board
106. Dr. David W. Pittman, Director, US Army Engineer Research and Development Center  
Vicksburg, Mississippi, Director of R&D and Chief Scientist, US Army Corps of Engineers
107. Mr. Ryan Leary, Solutions Architect, NVIDIA
108. Ms. Caitlin Durkovich, Director, Toffler Associates
109. Lester Martinez-Lopez, M.D., M.P.H., Major General (Retired) U.S. Army



- 110. Ms. Mary Crannell, President and Founder, Idea Sciences
- 111. Mr. Rick Berg, Tesko Consulting
- 112. MG Maria R. Gervais, Deputy Commanding General, Combined Arms Center – Training
- 113. Mr. Jordan Gillis, Acting Assistant Secretary of the Army, Installations, Energy and Environment
- 114. Roger Wong
- 115. Usha Mohan
- 116. Michael Canty
- 117. Tina Chester
- 118. Richard Chung
- 119. Terry White

### **Black Swans and Pink Flamingos**

- 120. Chris Beiter, Ph.D., Chief Scientist, National Ground Intelligence Center
- 121. LTG Theodore D. Martin, Deputy Commanding General, Chief of Staff U.S. Army Training and Doctrine Command
- 122. Mr. Joseph Cyrulik, Chief, Strategic Perspectives Branch, Strategic Insights Group
- 123. Mr. George Gerliczy, Analytic Methodologist, Strategic Insights Group
- 124. *(Previously Proclaimed) Mr. Dennis Bushnell, Chief Scientist, NASA Langley Research Center*
- 125. Ms. Emily Apel, Emerging and Disruptive Technologies Analyst, Defense Intelligence Agency
- 126. Mr. Samuel Bendett, Russia Studies Program, CNA
- 127. Teresa Urban Warfel, Ph.D., Emerging and Disruptive Technologies Division, National Ground Intelligence Center
- 128. Jason Edwards, Ph.D., Emerging and Disruptive Technologies Division, National Ground Intelligence Center
- 129. Nekeithia Wade, Ph.D., Emerging and Disruptive Technologies Division, National Ground Intelligence Center

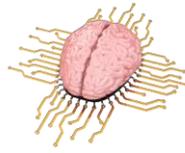


130. Mr. Daniel M. Erchul, Emerging and Disruptive Technologies Division, National Ground Intelligence Center
131. Jason Aulds, Ph.D., National Center for Medical Intelligence, Defense Intelligence Agency
132. Amber Ulbrich, Ph.D., Physicist, National Ground Intelligence Center
133. Brian Shaw, Ph.D., Deputy Provost for Academic Affairs, National Defense University
134. Joan Fuller, Ph.D., Deputy Executive Director for National Security Programs, National Academy of Sciences, Engineering, and Medicine, Director of the Air Force Studies Board (AFSB) and the Board on Army Research and Development (BOARD)
135. Mr. Peter Lin, General Engineer, Defense Intelligence Agency
136. Ms. Kara Cunzeman, Strategic and Global Awareness Directorate, Space Technologies and Futures, The Aerospace Corporation
137. Mr. Sean Bias, All-Source Analyst, National Ground Intelligence Center
138. Roger Ritenour, Ph.D., Science and Technology Analyst  
*(Previously Proclaimed) Lt. Col. J.J Snow Donovan Group*

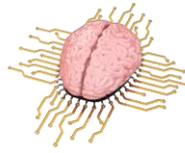
## **Learning in 2050 Georgetown University**

*(Previously Proclaimed) LTG Theodore D. Martin, Deputy Commanding General / Chief of Staff,  
U.S. Army Training and Doctrine Command*

139. Elliott Masie, President, The MASIE Center, Chair, The Learning CONSORTIUM, Host & Curator, Learning 2018
140. Rebecca Patterson, Associate Director of the Center for Security Studies, Georgetown University
141. Andrew Smith Lewis, CEO and Co-founder, Cerego
142. Steve Hatfield, Workforce Transformation Principal, Future of Work Market Leader, Deloitte Consulting, LLP
143. Amy Titus, Managing Director, Human Capital, Deloitte Consulting, LLP
144. Dr. Brad Ringeisen, Deputy Director, Biological Technologies Office (BTO), Defense Advanced Research Projects Agency (DARPA)



145. Dr. Gregory Goodwin, Senior Research Scientist, U.S. Army Research Laboratory Human Research and Engineering Directorate
146. Dr. Dexter Fletcher, Science and Technology Division (STD) Researcher, Institute for Defense Analyses (IDA)
147. Dr. Sarah "Sae" Schatz, Director, Advanced Distributed Learning (ADL) Initiative
148. Dr. Tristan McClure-Begley, Biological Technologies Office (BTO), Defense Advanced Research Projects Agency (DARPA)  
*(Previously Proclaimed) Dr. Philip Perconti, Director, U.S. Army Research Laboratory*
149. Marc Prensky, Founder and Executive Director of The Global Future Education Foundation and Institute
150. Christopher Taylor, CEO Govini, Adjunct Associate Professor, Center for Security Studies (CSS), Georgetown University
151. Dr. Robert E. Smith, Senior Research Scientist, U.S. Army Tank Automotive Research Development and Engineering Center (TARDEC)
152. Dr. Kira Hutchinson, Director, Critical Thinking Enterprise, TRADOC G-2
153. Major General John Kem, Commandant, U.S. Army War College
154. Ms. Paula Philbin, Psy-Ops Education Program, Naval Postgraduate School
155. Ms. Helen Remily, Director for The Army Distributed Learning Program
156. Ms. Mary Crannell, President/Founder, Idea Sciences
157. Marie Murphy, Summer Intern Futures Analyst, Mad Scientist Initiative, The College of William and Mary
158. Hans Davies, Director, Toffler Associates
159. Andrew Liptak, Weekend Editor for The Verge , Co-editor of War Stories New Military Science Fiction
160. Dr. Randall W. Hill, Jr., Executive Director, University of Southern California Institute for Creative Technologies
161. Dave Dilegge, Small Wars Journal
162. Dr. BJ Adrezin
163. Dr. Yul Rapoport



164. LTC Joel Garrison

165. LTC Stephen Hamilton

166. LTC Brett D. Lindberg

167. MAJ Brian Lebednik

168. CPT Kyle Hager

## **2017**

### **Proclaimed Mad Scientists**

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## **2017**

### **Robotics, AI, & Autonomy**

#### **Georgia Research Tech Institute**

*(Previously Proclaimed) LTG Kevin W. Mangum, DCG TRADOC*

169. Dr. Steve Cross, Executive Vice President for Research, Georgia Institute of Technology

170. Dr. Augustus Way Fountain III, Deputy Chief Scientist (ST) Office of the Deputy Assistant Secretary of the Army (Research & Technology)

171. Dr. Robert Sadowski, Robotics Senior Research Scientist Research, Technology and Integration Director at U.S. Army TARDEC, U.S. Army Chief Roboticist

172. Mr. Aaron Chan, DASA (R&T), U.S. Army

173. Mrs. Trina Brennan, Georgia Tech Research Institute

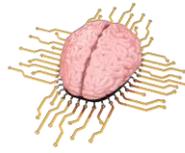
174. Dr. Zsolt Kira, Branch Chief of Advanced Machine Learning Analytics Group within the Robotics and Autonomous Systems Division at GTRI

175. Dr. Jaime Carbonell, University Professor and Allan Newell Professor of Computer Science, Carnegie Mellon

176. Brynt Parmeter, NextFlex

177. Dr. Eric Forsythe

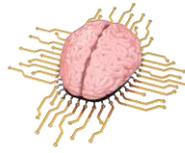
178. Mr. Suresh Sitaraman



179. Mr. August Cole, Nonresident Senior Fellow Brent Scowcroft Center on International Security, Atlantic Council, Director of The Art of the Future Project
180. Dr. Charles Pippin, Senior Research Scientist, Aerospace, Transportation and Advanced Systems (ATAS) Laboratory, GTRI
181. Juliane Gallina, Director, Cognitive Solutions for National Security (North America), IBM WATSON
182. MG Robert M. Dyess, U.S. Army TRADOC, Acting Director, ARCIC
183. Dr. James Canton, CEO and Chairman, The Institute for Global Futures
184. Dr. Magnus Egerstedt, Executive Director for the Institute for Robotics and Intelligent Machines, Georgia Institute of Technology
185. Dr. Nahid Sidki, Executive Director of Robotics R&D, SRI International
186. Paul Scharre, Senior Fellow and Director Future Warfare Initiative, Center for New American Security
187. Dr. Gary Ackerman, University of Maryland, National Consortium for the Study of Terrorism and Responses to Terrorism
188. Dr. Alexander Kott, Chief, Network Science Division Computational and Information Sciences Directorate, U.S. Army Research Laboratory
189. Louis Mazziotta, Armament Research, Development, and Engineering Center (ARDEC), U.S. Army Research Laboratory

## **Enemy After Next, NASA Langley Research Center**

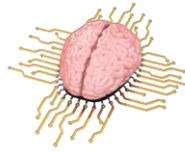
190. Mr. Dennis Bushnell, Chief Scientist, NASA Langley Research Center
191. Dr. Mark Sulcoski, National Ground Intelligence Center
192. Dr. Brad Forch, Army Research Lab
193. Dr. Allan Williams, Georgia Tech Research Institute
194. Mr. Fred Stillwagen, NASA Langley Research Center Telemetry, Tracking and Systems Security Engineer
195. Prof. J.P. Dowling, Louisiana State University
196. Mr. Anthony J. Russo, NASA, Chief Engineer



197. Dr. Louis F. DeChiaro, Naval Surface Warfare Center
198. Dr. John Main, DARPA
199. Dr. Keith Belvin, NASA
200. Dr. William M. Miller, Senior Scientist, Systems Research Center, Sandia National Laboratories
201. Dr. Howard Shrobe, Massachusetts Institute of Technology
202. Dr. John Geis, USAF/Maxwell Air Force Base
203. Mr. Andrew Hull, Institute for Defense Analyses
204. Dr. Mark Kasevich, Stanford University
205. Mr. Randy Regan, NASA

## **Multi Domain Battle Georgetown University**

206. General David G. Perkins, Commanding General, U.S. Army Training and Doctrine Command
207. COL (Ret) David Maxwell, Associate Director, Center for Security Studies, Edmund A. Walsh School of Foreign Service, Georgetown University
208. Mr. Mathison Hall, Science Fiction Contest Winner, Senior Analyst, The Johns Hopkins University Applied Physics Lab
209. Dr. David Bray, Director, Office of Ventures and Innovation, NGA
210. Mr. James “Hondo” Geurts, Acquisition Executive, U.S. Special Operations Command
211. Dr. Anthony Vinci, Director of Plans and Programs, NGA
212. Mr. Richard Kidd, Deputy Assistant Secretary of the Army (IE&E), Strategic Integration
213. Dr. Sokwoo Rhee, Associate Director of Cyber-Physical Program, National Institute of Standards and Technology
214. Mr. Michael Assante, Director, Industrials & Infrastructure CSIS
215. Ms. Grace Simrall, Chief of Civic Innovation, Louisville Metro Government
216. Jeffrey Becker, Call for Papers – Selected Submission, President, Context LLC



217. Radhika Roy, Call for Papers Selected Submission, RDECOM CERDEC
218. Dr. James Giordano, Chief of Neuroethics Program, Georgetown University
219. LTG (Ret) James Dubik, Professor, Security Studies Program, Georgetown University
220. Jimmy Zhang, M.A. Candidate, Georgetown University Security Studies Program
221. Rachel Greene, M.A. Candidate, Georgetown University Security Studies Program
222. Dr. Jesse Kirkpatrick Assistant, Director, Institute for Philosophy and Public Policy, George Mason University
223. Professor Linda MacDonald Glenn, Institute for Ethics and Emerging Technologies
224. Mr. J. Randall Robinson, Acting Assistant Secretary of the Army for Installations, Energy, and Environment
225. Edson G. dos Santos Jr
226. Chris Telley
227. Finnish Defence Research Agency

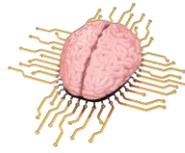
## 2016

# Proclaimed Mad Scientists

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### **Strategic Security Environment Georgetown University**

228. COL (Retired) David Maxwell, Georgetown University
229. General David G. Perkins, TRADOC Commanding General
230. Dr. Jonathan Moyer, Director of the Frederick S. Pardee Center for International Futures, University of Denver
231. Dr. David Alberts, Institute for Defense Analyses
232. LtCol Patrick S. Kirchner, Strategic Foresight, Futures Assessment Division, Marine Corps Warfighting Laboratory
233. Dr. Jason Augustyn, President, FutureScout LLC (representing Army Wargaming Initiative, ASA(ALT))



234. Dr. William T. Eliason, Colonel, USAF (Retired), Director of National Defense University Press, Editor in Chief of Joint Force Quarterly, Professor at Dwight D. Eisenhower School for National Security and Resource Strategy
235. Mr. Garth Jensen, Navy Innovations Directorate
236. Dr. Albert Palazzo, Director, War Research Center Australia
237. Professor Paul Horn, Senior Vice Provost for Research, Senior Vice Dean for Strategic Initiatives and Entrepreneurship, Tandon School of Engineering, New York University
238. LTG Kevin W. Mangum, TRADOC Deputy Commanding General/ Chief of Staff
239. Dr. Elizabeth Chalecki, Assistant Professor of Political Science, University of Nebraska
240. Dr. Fran Zenzen, Chief Operating Officer, Arizona State University Research Enterprise (ASURE), Arizona State University
241. Dr. Amy Zalman, Founder & Principal, Strategic Narrative Institute, Adjunct Professor, Strategic Foresight, Georgetown University
242. Dr. Baruch Fischhoff, Howard Heinz University Professor in the departments of Social and Decision Sciences and of Engineering and Public Policy, Carnegie Mellon University
243. Dr. Steven Mintz, Department of History, University of Texas at Austin', Founding director of the University of Texas System's Institute for Transformational Learning
244. Jonathan Moreno, Professor of Medical Ethics and Health Policy of History and Sociology of Science, and of Philosophy, University of Pennsylvania
245. Mr. Peter Singer, Strategist at New America, Editor at Popular Science Magazine
246. Mr. Max Brooks, Brent Scowcroft Center on International Security's Art of the Future