

# CURRICULUM VITAE

## OWEN D. JONES

Vanderbilt University  
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### EMPLOYMENT

#### **Vanderbilt University, Nashville, TN**

##### **Law School**

Glenn M. Weaver, M.D. and Mary Ellen Weaver Chair in Law, Brain, and Behavior	2019 - Present
New York Alumni Chancellor's Chair in Law	2010 - 2019
FedEx Research Professor of Law	2006 - 2007
Professor of Law	2004 - Present

##### **Department of Biological Sciences**

Professor of Biological Sciences	2004 - Present
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##### **University**

Joe B. Wyatt Distinguished University Professor (1-year award)	2014 - 2015
Center for Integrative and Cognitive Neuroscience, Investigator	2005 - Present
Vanderbilt Brain Institute	2008 - Present
Vanderbilt Neuroscience Training Faculty, Senior Member	2011 - Present

#### **Arizona State University, Tempe, AZ**

##### **College of Law**

Willard H. Pedrick Distinguished Research Scholar	2002 - 2004
Professor of Law	1998 - 2004
Associate Professor of Law	1994 - 1998

##### **School of Life Sciences**

Professor of Biology	2002 - 2004
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#### **Vanderbilt University Law School, Nashville, TN**

Visiting Professor of Law	2003 (Fall)
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#### **University of Texas School of Law, Austin, TX**

Visiting Professor of Law	2001 - 2002
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#### **Covington & Burling, Washington, D.C.**

Associate	1992 - 1994
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#### **Judge Thomas Penfield Jackson, U.S. District Court, Washington, D.C.**

Judicial Clerk	1991 - 1992
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### EDUCATION

#### **Yale Law School, New Haven, CT – J.D. 1991**

*The Marshall Jewell Prize*, 1991

*Yale Law Journal*

Senior Editor, Vol. 100, 1990-91

*Yale Journal of International Law*

Managing Editor, Vol. 16, 1991; Associate Editor, Vol. 12, 1987

*Yale Law and Policy Review*

Articles Editor, Vol. 7(2), 1989; Editor, Vol. 7(1), 1989; Member, Vol. 5, 1987

#### **Amherst College, Amherst, MA – B.A. (*Magna Cum Laude*) 1985**

## GRANTS

<b>MacArthur Foundation</b> , Research Network on Law and Neuroscience	
\$1,400,000	2015 - 2020

**MacArthur Foundation**, Research Network on Law and Neuroscience  
\$708,000 2012 - 2020

**MacArthur Foundation**, Research Network on Law and Neuroscience  
\$4,851,000                      2011 - 2020  
Designed and Direct national Research Network of legal scholars, judges, and neuroscientists.  
The Network has generated more than 75 published works (so far).

<b>MacArthur Foundation,</b>	Planning Grant for the Research Network on Law and Neuroscience
\$700,000	2010-2011

**MacArthur Foundation, Law and Neuroscience Project, Research Network on Legal Decision Making**  
Sub-awards (often with R. Marois) for multiple brain imaging experiments: 1) Third-party Punishment Decisions; 2) Risk Assessment; 3) Relative Blameworthiness; 4) Juror Decisions About Mental States; 5) Punishment Decisions in Incarcerated Psychopaths; 6) Punishment Decisions by Judges; 7) Neural Dissociation of Evaluative and Decisional Processes During Third-Party Punishment; 8) Functional Suppression of a Brain Region Implicated in Assessments of Criminal Responsibility.

**MacArthur Foundation, Law and Neuroscience Project**  
Co-Director: Network on Legal Decision-Making  
Part of a national team of legal scholars and neuroscientists awarded \$10,000,000 – 2007-2010  
Co-oversight of more than 100 empirical and conceptual projects

**Discovery Grant** (Vanderbilt University) (with R. Marois)  
Funding for experiments in law and neuroscience, 2007-09

**Cecil D. Branstetter Litigation & Dispute Resolution Program, Vanderbilt University**  
Funding for investigative research in law and brain science, 2006

**Law & Human Behavior Program, Vanderbilt University**  
Funding for investigative research in law and brain science, 2006

**National Science Foundation**, Grant No. SAR-9813547  
*Co-Principal Investigator* (with D. Strouse) for colloquium on law and behavioral biology

## Summer Research Grants

*Vanderbilt University Law School – Annually, 2004 - present*  
*Arizona State University, College of Law – Annually, 1994 - 2003*

## SELECTED HONORS

American Association for the Advancement of Science (AAAS), Elected Fellow	2015 - present
The Fellow designation, bestowed by peers since 1874, recognizes “efforts on behalf of the advancement of science or its applications that are deemed scientifically or socially distinguished.”	

Vanderbilt University	
Director, Weaver Family Program in Law, Brain Sciences, and Behavior	2023 - Present
Glenn M. Weaver, M.D. and Mary Ellen Weaver Chair in Law, Brain, and Behavior	2019 - Present
Joe. B. Wyatt Distinguished University Professor	2014 - 2015
The award annually honors one member of the Vanderbilt University faculty for accomplishments that bridge multiple academic disciplines and yield significant new knowledge from research.	
New York Alumni Chancellor's Chair in Law	2010 - 2019
FedEx Research Professor of Law (rotating research chair)	2006 - 2007
MacArthur Foundation Research Network on Law and Neuroscience	
Founding Director	July 2011 - present
Information at <a href="http://www.lawneuro.org">www.lawneuro.org</a>	
MacArthur Foundation Law and Neuroscience Project	
Director	July 2010 - present
Deputy Director	Jan 2010 - June 2010
Co-Director, Network on Legal Decision-Making	2007 - 2010
Pontifical Academy of Sciences, Vatican City	
Working Group on Neuroscience and the Human Person	2012-2013
Gruter Institute for Law and Behavioral Research	
Bene Merenti Award for Outstanding Achievements in Law and Behavioral Research	2004
Research Fellow	1995 - present
Arizona State University College of Law	
Willard H. Pedrick Distinguished Research Scholar	2002 - 2004
Association of American Law Schools	
<i>Honorable Mention</i> , Fourteenth Annual Scholarly Papers Competition	1999

## PUBLICATIONS

### **Publications of the *MacArthur Foundation Research Network on Law and Neuroscience***

This national Research Network, which I designed and direct, has published over 95 empirical and conceptual works, in leading journals of both neuroscience and law, since 2011. Those works are listed in the **Appendix**.

### **Books**

FORCE OF NATURE: THE HIDDEN PATTERNS IN LIFE'S MOST POWERFUL PROCESS (tentative title)  
Under contract with W.W. Norton & Company (distribution in North America) and with  
Oxford University Press (distribution in the United Kingdom and Commonwealth)

BRAIN SCIENCE FOR LAWYERS, JUDGES, AND POLICYMAKERS (with J. Schall, F. Shen, M.  
Hoffman, & A. Wagner) (2024, Oxford University Press)

LAW AND NEUROSCIENCE (with J. Schall, F. Shen) (Aspen Publishers)  
(1<sup>st</sup> edition 2014; 2<sup>nd</sup> edition 2021)

LAW AND NEUROSCIENCE: A TEACHER'S MANUAL (with J. Schall, F. Shen) (Aspen Publishers)  
(1<sup>st</sup> edition 2015) (2<sup>nd</sup> edition 2021)

### Principal Journal Publications

*Using an Evolutionary Approach to Improve Predictive Ability in the Social Sciences: Property, the Endowment Effect, and Law*, 44 EVOLUTION & HUMAN BEHAVIOR 222 (2023) (Special Issue on Evolution and Law) (with S. Brosnan)

*The Future of Law and Neuroscience*, 63 WILLIAM & MARY L. REV. 1317 (2022) (Symposium Issue on The Future of Law and Neuroscience)

*Detecting Mens Rea from the Brain*, 169 U. PENNSYLVANIA L. REV 1 (2020) (with G. Yaffe, R. Montague)

*Predicting Variation in Endowment Effect Magnitudes*, 41 EVOLUTION & HUMAN BEHAVIOR 253 (2020) (with C. Jaeger, S. Brosnan, D. Levin)

*Keynote: Brain Perspectives on Investor Behavior and Decision-Making Errors*, 41 SEATTLE U. L. REV. 241 (2018) (symposium issue: Berle Conference on Investor Time Horizons)

*Decoding Guilty Minds: How Jurors Attribute Knowledge and Guilt*, 71 VANDERBILT L. REV. 241 (2018) (with M. Ginther, F. Shen, M. Hoffman, K. Simons, R. Bonnie)

*Predicting the Knowledge-Recklessness Distinction in the Human Brain*, 114 PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES 3222 (2017) (with I. Vilares, M. Wesley, W. Ahn, R. Bonnie, M. Hoffman, S. Morse, G. Yaffe, T. Lohrenz, R. Montague)

*Keynote: Law and the Brain-Past, Present, and Future*, 48 ARIZ. ST. L. J. 917 (2017) (symposium issue: Evolutionary Analysis in Law)

*Parsing the Behavioral and Brain Mechanisms of Third-Party Punishment*, 36 THE JOURNAL OF NEUROSCIENCE 9420 (2016) (with M. Ginther, R. Bonnie, M. Hoffman, F. Shen, K. Simons, R. Marois)

*From Blame to Punishment: Disrupting Prefrontal Cortex Activity Reveals Norm Enforcement Mechanisms*, 87 NEURON 1 (2015) (with J. Buckholz, J. Martin, M. Treadway, K. Jan, D. Zald, R. Marois)

*Corticolimbic Gating of Emotion-Driven Punishment*, 17 NATURE NEUROSCIENCE 1270 (2014) (with M. Treadway, J. Buckholz, J. Martin, K. Jan, C. Asplund, M. Ginther, R. Marois)

*The Language of Mens Rea*, 67 VANDERBILT LAW REVIEW 1327 (2014) (with M. Ginther, F. Shen, R. Bonnie, M. Hoffman, R. Marois, K. Simons)

*Law and Neuroscience: Recommendations Submitted to the President's Bioethics Commission*, Republished in 1 JOURNAL OF LAW AND THE BIOSCIENCES 224 (2014) (on behalf of the MacArthur Foundation Research Network on Law and Neuroscience) (with R. Bonnie, BJ Casey, A. Davis, D. Faigman, M. Hoffman, R. Montague, S. Morse, M. Raichle, J. Richeson, E. Scott, L. Steinberg, K. Taylor-Thompson, A. Wagner, G. Yaffe)

- Law and Neuroscience*, 33 THE JOURNAL OF NEUROSCIENCE 17624 (2013) (with R. Marois, M. Farah, H. Greely)
- Neuroscientists in Court*, 14 NATURE REVIEWS NEUROSCIENCE 730 (2013) (with A. Wagner, D. Faigman, M. Raichle)
- The Endowment Effect in Orangutans*, 25 INTERNATIONAL JOURNAL OF COMPARATIVE PSYCHOLOGY 285 (2012) (with T. Fleming, L. Mayo, T. Stoinski, S. Brosnan)
- Evolution and the Expression of Biases: Situational Value Changes the Endowment Effect in Chimpanzees*, 33 EVOLUTION & HUMAN BEHAVIOR 378 (2012) (with S. Brosnan, M. Gardner, S. Lambeth, S. Schapiro)
- Sorting Guilty Minds*, 86 NEW YORK UNIVERSITY LAW REVIEW 1306 (2011) (with F. Shen, R. Marois, M. Hoffman, J. Greene)
- Economics, Behavioral Biology, and Law*, 19 SUPREME COURT ECONOMIC REV. 103 (2011) (with E. O'Hara O'Connor, J. Stake)
- Brain Scans as Evidence: Truths, Proofs, Lies, and Lessons*, 62 MERCER L. REV. 861 (2011) (with F. Shen) (symposium issue: *Brain Sciences in the Courtroom*)
- Variables Influencing the Neural Correlates of Perceived Risk of Physical Harm*, 11 COGNITIVE, AFFECTIVE, AND BEHAVIORAL NEUROSCIENCE 494 (2011) (with M. Coaster, B. Rogers, K. Viscusi, K. Merkle, D. Zald, J. Gore)
- Intuitions of Punishment*, 77 CHICAGO LAW REVIEW 1633 (2010) (with R. Kurzban)
- Realism, Punishment, and Reform*, 77 CHICAGO LAW REVIEW 1611 (2010) (with P. Robinson, R. Kurzban)
- Brain Imaging for Legal Thinkers: A Guide for the Perplexed*, 2009 STANFORD TECHNOLOGY LAW REVIEW 5 (with J. Buckholtz, J. Schall, and R. Marois) (symposium issue: *Neuroscience and the Courts: The Implications of Advances in Neurotechnology*) (republished in 50 *Court Review: Special Issue on Law and Neuroscience* 2014)
- The Neural Correlates of Third-Party Punishment*, 60 NEURON 930 (2008) (with J. Buckholtz, C. Asplund, P. Dux, D. Zald, J. Gore, R. Marois) (featured in issue's *Preview* section, at 738) (republished in: *LAW AND NEUROSCIENCE* (M. Freeman, ed., Oxford U. Press 2011))
- Law, Biology, and Property: A New Theory of the Endowment Effect*, 49 WILLIAM & MARY LAW REVIEW 1935 (2008) (with S.F. Brosnan)
- Origins of Shared Intuitions of Justice*, 60 VANDERBILT LAW REVIEW 1633 (2007) (with P. Robinson, R. Kurzban)
- Endowment Effects in Chimpanzees*, 17 CURRENT BIOLOGY 1704 (2007) (with S.F. Brosnan, S. Lambeth, M.C. Maren, A.S. Richardson, S.J. Schapiro)
- Law, Responsibility, and the Brain*, 5 PLOS: BIOLOGY 693 (2007) (with D. Mobbs, H.C. Lau, C.D. Frith) (republished in: *LAW, MIND, AND BRAIN*, 2009; *DOWNWARD CAUSATION AND THE NEUROBIOLOGY OF FREE WILL*, 2009)

*Behavioral Genetics and Criminal Law, In Context*, 69 LAW & CONTEMPORARY PROBLEMS 81 (2006) (Special Issue: Behavioral Genetics & Criminal Law) (republished in THE IMPACT OF BEHAVIORAL SCIENCES ON CRIMINAL LAW, N. Farahany ed., Oxford U. Press 2009)

*Law and Behavioral Biology*, 105 COLUMBIA LAW REVIEW 405 (2005) (with T.H. Goldsmith) (Italian translation at 2 JOURNAL OF LAW, COGNITIVE SCIENCE AND ARTIFICIAL INTELLIGENCE 28 (2006))

*Law, Evolution, and the Brain: Applications and Open Questions*, 359 PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY: BIOLOGICAL SCIENCES 1697 (2004) (Special Issue: Law and the Brain) (republished in LAW AND THE BRAIN, 57, S. Zeki & O. Goodenough, eds., Oxford U. Press 2006)

*Time-Shifted Rationality and the Law of Law's Leverage: Behavioral Economics Meets Behavioral Biology*, 95 NORTHWESTERN UNIVERSITY LAW REVIEW 1141 (2001)

*Proprioception, Non-Law, and Biolegal History*, The University of Florida Dunwody Distinguished Lecture in Law, 53 FLORIDA LAW REVIEW 831 (2001) (Dunwody Issue, with peer commentary)

*Realities of Rape: Of Science and Politics, Causes and Meanings*, 86 CORNELL LAW REVIEW 1386 (2001) (review essay)

*The Evolution of Irrationality*, 41 JURIMETRICS 289 (2001) (Symposium Issue: *Law, Behavioral Biology, and Economics*)

*Evolutionary Analysis in Law: Some Objections Considered*, 67 BROOKLYN LAW REVIEW 207 (2001) (Symposium Issue: *DNA*)

*On The Nature of Norms: Biology, Morality, and The Disruption of Order*, 98 MICHIGAN LAW REVIEW 2072 (2000) (review essay)

*Law and the Biology of Rape: Reflections on Transitions*, 11 HASTINGS WOMEN'S LAW JOURNAL 151 (2000)

*Sex, Culture, and the Biology of Rape: Toward Explanation and Prevention*, 87 CALIFORNIA LAW REVIEW 827 (1999) (Honorable Mention, Fourteenth Annual Scholarly Papers Competition, Association of American Law Schools)

*Law, Emotions, and Behavioral Biology*, 39 JURIMETRICS 283 (1999)

*Evolutionary Biology and Behavior: A Brief Overview and Some Important Concepts*, 39 JURIMETRICS 131 (1999) (with T.H. Goldsmith)

*Evolutionary Analysis in Law: An Introduction and Application to Child Abuse*, 75 NORTH CAROLINA LAW REVIEW 1117 (1997)

*Law and Biology: Toward an Integrated Model of Human Behavior*, 8 JOURNAL OF CONTEMPORARY LEGAL ISSUES 167 (1997) (Symposium Issue: *Law, Behavior, and Evolution*)

*Law and Evolutionary Biology: Obstacles and Opportunities*, 10 JOURNAL OF CONTEMPORARY HEALTH LAW & POLICY 265 (1994) (Special Issue: Articles Honoring Guido Calabresi)

*Reproductive Autonomy and Evolutionary Biology: A Regulatory Framework for Trait Selection Technologies*, 19 AMERICAN JOURNAL OF LAW & MEDICINE 187 (1993) (republished in REPRODUCTIVE TECHNOLOGIES, C. Wekesser ed., 1996)

*Sex Selection: Regulating Technology Enabling the Preselection of a Child's Gender*, 6 HARVARD JOURNAL OF LAW & TECHNOLOGY 1 (1992)

*The Box H Problem: A Justification for Unilateral International Coercion*, 15 YALE JOURNAL OF INTERNATIONAL LAW 207 (Spring 1990) (Article awarded *The Marshall Jewell Prize* by the Yale Law School Faculty)

## Book Chapters

*Law and Neuroscience: Progress, Promise, and Pitfalls*, in THE COGNITIVE NEUROSCIENCES (Gazzaniga, Mangun, and Poeppel, eds., 6<sup>th</sup> edition, 2020) (with A. Wagner)

*Why Behavioral Economics Isn't Better, and How it Could Be*, in RESEARCH HANDBOOK ON BEHAVIORAL LAW AND ECONOMICS (J. Teitelbaum & K. Zeiler eds, Edward Elgar, 2018)

*Evolutionary Psychology in Law*, in THE HANDBOOK OF EVOLUTIONARY PSYCHOLOGY (D. Buss, ed., 2d edition, Wiley, 2015)

*Law and Neuroscience*, in INTERNATIONAL ENCYCLOPEDIA OF SOCIAL AND BEHAVIORAL SCIENCES (2<sup>nd</sup> edition, 2015) (with M. Ginther)

*Seven Ways Neuroscience Aids Law*, in NEUROSCIENCES AND THE HUMAN PERSON: NEW PERSPECTIVES ON HUMAN ACTIVITIES, 181-194 (A. Battro, S. Dehaene & W. Singer, eds., Scripta Varia: Pontifical Academy of Sciences, 2013)

*Law and Neuroscience in the United States*, in INTERNATIONAL NEUROLAW - A COMPARATIVE ANALYSIS 349 (Spranger, ed., 2012) (with F. Shen)

*The Neural Correlates of Third-Party Punishment* in LAW AND NEUROSCIENCE (M. Freeman, ed., Oxford U. Press 2011) (with J. Buckholtz, C. Asplund, P. Dux, D. Zald, J. Gore, R. Marois)

*Behavioral Genetics and Criminal Law, In Context*, in THE IMPACT OF BEHAVIORAL SCIENCES ON THE CRIMINAL LAW (N. Farahany, ed., Oxford U. Press 2009)

*Law, Responsibility, and the Brain* (with D. Mobbs, H.C. Lau, C.D. Frith)  
Republished in:

LAW, MIND, AND BRAIN (M. Freeman & O. Goodenough eds., 2008)

DOWNWARD CAUSATION AND THE NEUROBIOLOGY OF FREE WILL

(N. Murphy et al. eds., 2009 )

LAW AND NEUROSCIENCE (M. Freeman ed., 2011)

*Brains, Evolution, and Law: Applications and Open Questions*, LAW AND THE BRAIN (S. Zeki & O. Goodenough, eds., Oxford U. Press 2006)

*Evolutionary Psychology and the Law*, Chapter in THE HANDBOOK OF EVOLUTIONARY PSYCHOLOGY 953 (D. Buss, ed., Wiley, 2005)

## Other Publications

*Foreword*, in *OBJECTION: DISGUST, MORALITY, AND THE LAW*, by D. Lieberman & C. Patrick (Oxford University Press, 2018)

*Letter to the Editor*, *THE ECONOMIST*, May 10, 2018

*How Should Justice Policy Treat Young Offenders?*, MACARTHUR FOUNDATION RESEARCH NETWORK ON LAW AND NEUROSCIENCE (2017) (with R. Bonnie, BJ Casey, A. Davis, D. Faigman, M. Hoffman, R. Montague, S. Morse, M. Raichle, J. Richeson, E. Scott, L. Steinberg, K. Taylor-Thompson, A. Wagner)

*G2i Knowledge Brief*, MACARTHUR FOUNDATION RESEARCH NETWORK ON LAW AND NEUROSCIENCE (2017) (with R. Bonnie, BJ Casey, A. Davis, D. Faigman, M. Hoffman, R. Montague, S. Morse, M. Raichle, J. Richeson, E. Scott, L. Steinberg, K. Taylor-Thompson, A. Wagner, G. Yaffe)

*Lies, Brains, and Courtrooms*, 85 UNITED STATES LAW WEEK 904 (Jan. 12, 2017) (with M. Hoffman)

*fMRI and Lie Detection*, MacArthur Foundation Research Network on Law and Neuroscience (2016) (with R. Bonnie, BJ Casey, A. Davis, D. Faigman, M. Hoffman, R. Montague, S. Morse, M. Raichle, J. Richeson, E. Scott, L. Steinberg, K. Taylor-Thompson, A. Wagner, G. Yaffe)

*Op Ed: Readyng the Legal Community for More Neuroscientific Evidence*, NATIONAL LAW JOURNAL, Sept. 12, 2016

*Law and Neuroscience: What, Why, and Where to Begin*, MACARTHUR FOUNDATION RESEARCH NETWORK ON LAW AND NEUROSCIENCE (2016) (with F. Shen)

*Neuroscience in the Law*, 11 SCITECH LAWYER 4 (2015) (with C. Sundby)

*Court Review: Special Issue on Law and Neuroscience* (Vol. 50, Issue 2, 2014) (editors: F. Shen & O. Jones)

*Foreword*, PRIMER ON LAW AND NEUROSCIENCE (Stephen Morse & Adina Roskies, eds, Oxford U. Press, 2013)

*The End of (Discussing) Free Will*, CHRONICLE OF HIGHER EDUCATION, March 18, 2012

*Network Overview*, MACARTHUR FOUNDATION RESEARCH NETWORK ON LAW AND NEUROSCIENCE (2012)

*Sorting Guilty Minds: An Overview*, THE LEGAL WORKSHOP (2011) (with F. Shen, R. Marois, M. Hoffman, J. Greene) (online at <http://legalworkshop.org/2011/11/18/sorting-guilty-minds>) (an essay accompanying our NYU L. Rev. Article)

*Keeping Pace with Change*, FORBES (web edition), Feb. 2009

*Implications for Law of a Unified Behavioral Science*, 30 BEHAVIORAL AND BRAIN SCIENCES 30 (2007) (commenting on target article)



*The Causation Equation: Summers on Science*, 11 CARDOZO WOMEN'S LAW JOURNAL 577 (2005)  
(Symposium Issue: *Innate Differences – Responses to the Remarks by Lawrence H. Summers*)

*Allocating Presumptions*, 26 BEHAVIORAL AND BRAIN SCIENCES 521 (2003) (commenting on target article)

*Foreword*, 41 JURIMETRICS 287 (2001) (with D. Strouse, L. Winer & A. Askland) (Symposium Issue: *Law, Behavioral Biology, and Economics*)

*Science and Human Behavior: A Reply*, 41 JURIMETRICS 371 (2001) (Symposium Issue: *Law, Behavioral Biology, and Economics*)

*Controlling Consequences of Preconception Sex Selection*, 1 AMERICAN JOURNAL OF BIOETHICS 19 (2001)

*Reconsidering Rape*, THE NATIONAL LAW JOURNAL, Podium Page, Feb. 21, 2000, at A21

*Introduction to the Symposium on Biology and Sexual Aggression*, 39 JURIMETRICS 113 (1999)  
(with D. Strouse)

*Useful Sources: Biology, Evolution, and Law*, (at [www.sealsite.org](http://www.sealsite.org)) (maintained on website of the Society for Evolutionary Analysis in Law, since 1998)

*Socio-Economics, Behavioral Biology, and Law*, FORUM, Arizona State University College of Law, Summer 1998

*Genes, Behavior, and Law*, 15 POLITICS & THE LIFE SCIENCES 101 (1996)

*Sex Preselection: Making Babies to Order*, LEGAL TIMES, Analysis Column, Aug. 23, 1993, at 25

## SELECTED SPEECHES AND PRESENTATIONS

### Keynotes & Endowed Lectures

Inaugural Lecture, upon investiture as the Glenn M. Weaver, M.D. and Mary Ellen Weaver Chair in Law, Brain, and Behavior – Vanderbilt Law School – Sept. 2019

The Henry J. Miller Distinguished Lecture, *Law, Neuroscience, and Behavior*, Georgia State University College of Law – Oct. 2017

Keynote: *Brain Insights on Time Horizons*, Berle Investor Time Horizon Conference, Georgia State University, Atlanta, GA – June 2017

Keynote: *Law and Behavior, Past, Present, and Future*, Society for Evolutionary Analysis in Law, Annual Scholarship Conference, Arizona State University, Tempe, AZ – Apr. 2016

Keynote: *Criminal Law, Justice, and Neuroscience*, Academy of Criminal Justice Sciences, Annual Convention, Denver, CO – Mar. 2016

Keynote: *Law and Neuroscience: Exploring the Implications*, Brain Awareness Week, U. Tennessee, Knoxville, TN - Mar. 2016

Keynote: *A Courtroom Full of Brains: How Neuroscience Is (and Isn't) Affecting Trials*, American Society of Trial Consultants, Annual Conference, Nashville, TN – May 2015

Keynote: *Neuroscientific Perspectives on the Role of (and Control of) Emotions during Punishment Decisions*, Fifteenth Annual Conference of the Society for Evolutionary Analysis in Law (S.E.A.L.), Univ. of Illinois College of Law, Champaign, IL – Apr. 2014

Keynote: *Law and Neuroscience in the United States*, European Association for Neuroscience and Law, Bonn, Germany – Sept. 2013

Keynote: *Law and Brain Sciences*, Brocher Neurolaw Conference, Geneva, Switzerland, Nov. 2013

Endowed Lecture: *Law, Brain Sciences, and Our Near Neuro-Future*, The Boundless Lecture, Arizona State University College of Law, Tempe, AZ - Oct. 2012

*Investiture Lecture: Toward a Theory of Everything (and More!): Travels with Law, Biology, and Brain Science*, upon Appointment as the New York Alumni Chancellor's Professor of Law – Feb. 2012

Keynote: *Law and Neuroscience*, Denver University Law Review Symposium: *Guilty Minds: Neuroscience and Criminal Law*, Denver, CO - Mar. 2011

Keynote: *Evolution, Primates, Neurons, and Law*, Association for Politics and the Life Sciences (APLS), Annual Conference, Cincinnati, OH - Oct. 2007

Opening Scholarly Address, *Law and the Brain*, Fall Faculty Assembly, Vanderbilt University Nashville, TN - Aug. 2007

Plenary Lecture: *Evolution, Behavior, and Legal Systems*, Human Behavior and Evolution Society (HBES) Annual Conference, Williamsburg, VA - June 2007

Keynote: *The Next Evolution: From Behavior to Law and Back*, 10<sup>th</sup> Anniversary Darwin Day Lecture, University of Evansville, Evansville, IL - Feb. 2007

Keynote: *Law and The Biology of Family: On Mating, Reproducing, Collaborating, and Competing*, Symposium on Family Relationships, Biology, and the Law, Depaul University College of Law, Chicago, IL - Mar. 2006

Endowed Lecture: *The Implications of Behavioral Biology for Law: Evolutionary Perspectives*, in the Series on Law, Health & the Life Sciences, Minneapolis, MN - Dec. 2005. Co-Sponsored by the University of Minnesota's *Joint Degree Program in Law, Health & the Life Sciences* and the *Consortium on Law and Values in Health, Environment & the Life Sciences*

Endowed Lecture: *The Physics of Law, The Shape of Behavior, The Promise of Biology*, The Dunwoody Distinguished Lecture in Law, University of Florida College of Law, Gainesville, FL - Mar. 2001

## Other Speeches and Presentations

*The Promise and Peril of Neurolaw*

Wu Tsai Neuroscience Institute, Yale University, New Haven, CT – Sept. 2024

*Brain Science for Judges* (<https://bcle.law.berkeley.edu/program?id=85472>)

Berkeley Judicial Institute Center – Aug. 2024

*An Evolutionary Approach to Studying Cognitive Bias in Humans and Other Primates*

Department of Biology, Vanderbilt University, Nashville, TN – Apr. 2023

*Detecting Mens Rea in the Brain*, Harvard Law School, Law & Neuroscience Seminar – Apr. 2021

*The Future of Law and Neuroscience*, William & Mary Law School – Feb. 2021

*Law and Neuroscience*, Trinity College, Law & Neuroscience Seminar – Feb. 2021

*Detecting Mens Rea in the Brain*, Harvard Law School, Law & Economics Seminar – Oct. 2020

*Evolutionary Perspectives on Law*, William & Mary, Evolutionary Psychology Course – Apr. 2020

*Frontiers in Neurolaw: Promise, Perils, and New Findings*, University of Pennsylvania, Center for Neuroscience and Society, Philadelphia, PA – Apr. 2017

*Brain Activities During Punishment Decisions*, U.C. Berkeley School of Law, Berkeley, CA – Apr. 2017

*Current Findings in Law and Neuroscience*, Neuroscience & Public Policy Seminar, U. Wisconsin – Apr. 2017

*Law and Neuroscience: An Overview*, American Association of Law Schools Annual Conference, San Francisco, CA – Jan. 2017

*Remarks in Honor of Joe Tsai*, Endowment Ceremony for the Paul Tsai China Center, Yale Law School, New Haven, CT – Sept. 2016

*Law and Neuroscience*, Forensic Psychology Interest Group, Nashville, TN – Sept. 2016

*Neuroscience in Law: Promise, Perils, and New Research*, Dept. of Biological Sciences, Nashville, TN – Aug. 2016

*Neuroscience and the Law*, Federal Judicial Seminar on Emerging Issues in Neuroscience (sponsored by the American Association for the Advancement of Science, the Federal Judicial Center, the National Center for State Courts, the American Bar Association Judicial Division, and the Dana Foundation), Vanderbilt Law School, Nashville, TN – May 2016

*The MacArthur Foundation Research Network on Law and Neuroscience: Promise, Perils, and New Findings*, Vanderbilt Law School Faculty Workshop, Apr. 2016

*The MacArthur Foundation Research Network on Law and Neuroscience: Promise, Perils, and New Findings*, Vanderbilt University Institute of Imaging Science – Mar. 2016

*Moderator: Law and Neuroscience – Strange Bedfellows*, Judge Jed Rakoff, Keynote: Society for Neuroscience, Chicago, IL – Oct. 2015

*Law and Neuroscience*, Vanderbilt Association for Neuroscience and Law – Apr. 2015

*Law and Neuroscience*, Hokkaido University, Sapporo, Japan – Mar. 2015

*Law and Neuroscience at Vanderbilt*, Vanderbilt Board of Trust, Nashville, TN – Nov. 2014

*Panelist, The Challenge of Complexity*, Mid-Career Seminar for US District Judges, Nashville, TN – Oct. 2014

*Law and Neuroscience*, University of Tennessee College of Law, Knoxville, TN – Oct. 2014

*Law and Neuroscience*, World Presidents' Organization, Nashville, TN – Oct. 2014

*Law and Neuroscience at Vanderbilt*, Ann'l Mtg., Vanderbilt Law School Board of Advisors, Nashville, TN – Oct. 2014

*Law and Neuroscience*, Oberlin College, Oberlin, OH – Apr. 2014

*Neuroscientific Perspectives on the Role of (and Control of) Emotions during Punishment Decisions*,  
Fifteenth Annual Conference of the Society for Evolutionary Analysis in Law (S.E.A.L.),  
Univ. of Illinois College of Law, Champaign, IL – Apr. 2014

*Brain Activity During Punishment Decisions: Some New Results*, Colloquium for Federal Judges on Law and Neuroscience, Vanderbilt Law School, TN – Feb. 2014

*Introduction and Remarks*: Colloquium for Federal Judges on Law and Neuroscience, Vanderbilt Law School, TN – Feb. 2014

*Effects on Punishment Decisions of Repetitive Transcranial Magnetic Stimulation*, Wake Forest Law School, Winston Salem, NC – Jan. 2014

*Law and Neuroscience*, Society for Neuroscience, 43<sup>rd</sup> Annual Meeting, San Diego, CA – Nov. 2013

*Brain Mechanisms of Blame and Punishment*, Conference on Empirical Legal Studies, Univ. of Pennsylvania, Philadelphia, PA – Nov. 2013

*Brain Images in Legal Proceedings: Cautions and Caveats*, Institute of Medicine (annual meeting), National Academies of Science, Washington, D.C. – Oct. 2013

*Brain Mechanisms of Blame and Punishment*, Univ. of New Mexico School of Law, Albuquerque, NM – Oct. 2013

*Law and Neuroscience at Vanderbilt*, Ann'l Mtg., Vanderbilt Law School Board of Advisors, Nashville, TN – Oct. 2013

*The Future of Law and Neuroscience*, American Bar Association, Chicago, IL – Apr. 2013 (panelist on Decision Making)

*Law and Neuroscience: The Promise and Peril*, American Association for the Advancement of Science & Dana Foundation, Washington, D.C. – Apr. 2013

*Neuroscience and the Law*, Vanderbilt University, Nashville, TN – Apr. 2013

*Parsing Punishment - What We Can Learn from Neuroscientific Investigations of Punishment Decisions*,  
Fourteenth Annual Conference of the Society for Evolutionary Analysis in Law (S.E.A.L.),  
University of Pennsylvania Law School, Philadelphia, PA – Apr. 2013

*Evolutionary Biology Perspectives on Human Cognitive Biases Relevant to Law*, Economic Dimensions of Human  
and Organizational Development, Vanderbilt University, Nashville, TN – Apr. 2013

*Effects on Punishment Decisions of Repetitive Transcranial Magnetic Stimulation*, Neurology Grand Rounds,  
Vanderbilt Medical School, Nashville, TN – Mar. 2013 (with R. Marois)

*Introduction and Remarks*, Colloquium for Federal Judges on Law, Neuroscience, and Criminal Justice, Stanford  
Law School, Palo Alto, CA – Mar. 2013

*Of Bits and Brains: Neurolaw, Brain Imaging, and Brain Activity During Punishment Decisions*, Yale  
Information Society Project, Yale Law School, New Haven, CT – Feb. 2013

*Law, Neuroscience, and Behavior*, Pontifical Academy of Sciences, Vatican City – Nov. 2012

*Brain Activity During Punishment Decisions: Some New Results*, Cornell Law School,  
Ithaca, NY - Oct. 2012

*Law and Neuroscience: Will Brain Imaging Matter?*, Cornell Series in Law, Psychology, and Human Development,  
Ithaca, NY - Oct. 2012

*The Evolution of Endowment Effects in Chimpanzees: The Role of Situational Variables*, Thirteenth Annual  
Conference of the Society for Evolutionary Analysis in Law (S.E.A.L.), Emory Law School, Atlanta,  
GA – Apr. 2012

*Law, Neuroscience, and Punishment*, Boston U. School of Law, Boston, MA – Jan. 2012

*Law and Neuroscience*, Arizona State U. College of Law, Phoenix, AZ – Jan. 2012

*Law and Neuroscience*, Neuroscience and Public Policy Program, U. Wisconsin, Madison, WI –  
Oct. 2011

*Lobes and Robes: An Introduction to Neuroscience, for Judges*  
Panelist: The Promises and Perils of Neuroscience in the Courtroom  
Ninth Circuit Annual Judicial Conference, Carlsbad, CA - August 2011

*Sorting Guilty Minds*, Adjudicating the Guilty Mind, Duke Law School, Durham, NC - May 2011

*Brain Activity During Punishment Decisions*, Forum on Neuroscience and the Law, Co-Sponsored by The National  
Academy of Sciences & The Royal Society, Irvine CA - Mar. 2011

*Brain Activity During Punishment Decisions*, Univ. of Denver College of Law, Denver, CO - Mar. 2011

*Brain Imaging for (and of) Legal Thinkers: Capabilities, Findings, and Developments*, Conference on Law and  
the Brain, Co-Sponsored by the Dana Alliance for Brain Initiatives and the Center for Neuroscience and  
Society at the University of Pennsylvania, New York, NY - Mar. 2011

*Law and Neuroscience: Capabilities, Developments, and Trends*, Twelfth Annual Conference of the Society for

Evolutionary Analysis in Law (S.E.A.L.), Loyola Law School, Los Angeles, CA – Feb. 2011

*Law and Neuroscience: Grants, Research, and Future Directions*, Vanderbilt Law School National Council Meeting, Nashville, TN – Oct. 2011

*Law and Neuroscience: Capabilities, Developments, and Trends*, Paul Hastings law firm seminar series, Washington, D.C. – Nov. 2010

*Neuroscience and the Courts*, 2010 Appellate Court Specialty Seminar, Milwaukee, WI – June 2010

*Brain Activity of Judges During Punishment Decisions*, MacArthur Foundation Law and Neuroscience Project, U.C. Santa Barbara, CA – May 2010

*Evolutionary Perspectives on the Endowment Effect: Some Recent Experimental Results*, Annual Scholarship Conference, Society for Evolutionary Analysis in Law, William & Mary Law School, Williamsburg, VA – April 2010

*Panelist and Moderator, Panel on Decision Making*, Conference on Law and Biosciences, Vanderbilt University Law School, Nashville, TN – Mar. 2010

*Fairness, Morality, Judging, and Punishment*, Federal Judges of Nashville, Nashville, TN – Jan 2010

*The Neural Correlates of Third-Party Punishment*, Conference on Empirical Legal Studies, University of Southern California School of Law, Los Angeles, CA – Nov. 2009

*The Neural Basis of Third-Party Punishment*, Intensive Summer Institute in Neuroscience, University of Pennsylvania, Philadelphia, PA – Aug. 2009

*The Brain's Activity During Punishment Decisions* (with R. Marois), Neuroscience for Judges conference, National Judicial Conference, Gruter Institute, and MacArthur Foundation, Nashville, TN – June 2009

*This Is Your Brain on Law: The Neural Correlates of Third-Party Punishment*, Brown University, Legal Studies Seminar, Apr. 2009

*Evolution, Morality, and Biolegal History*, Vanderbilt University, Nashville, TN – April 2009 (organizer and host)

*The Neural Correlates of Third-Party Punishment*, Univ. of Virginia Dept. of Psychology, Charlottesville, VA - Mar. 2009

*Experiments in Law and Behavioral Biology*, Univ. of Virginia Law School, Charlottesville, VA - Mar. 2009

*Law, Biology, and Property: A New Theory of the Endowment Effect*, Arizona State University College of Law - Tempe AZ - Feb 2009

*Risk Assessment: An fMRI Experiment* (with M. Eapen & K. Viscusi) Vanderbilt University Institute of Imaging Science, Nashville, TN - Nov. 2008

*The Neural Correlates of Third-Party Punishment*, Vanderbilt University Law School, Nashville, TN - Nov. 2008

*The Neural Basis of Third-Party Punishment: An fMRI Experiment*, Vanderbilt University Medical Center, Department of Neurology, Grand Rounds, Nashville, TN - Sept. 2008.

*The Neural Basis of Third-Party Punishment: An fMRI Experiment*, Conference on Empirical Legal Studies, Cornell Law School, Ithaca NY - Sept. 2008

*Law and the Brain: An fMRI Investigation*, Federal Public Defenders, Nashville TN, July 2008

*Chimpanzee Economics: Evolution, Possession, and the Endowment Effect*, Vanderbilt Department of Biological Sciences - Mar. 2008

*Harm and Punishment: An fMRI Experiment*, Neurolaw Conference, Amherst College, Amherst MA - Feb. 2008

*Evolution and Chimpanzee Economics*, Department of Biology, Amherst College, Amherst MA - Feb. 2008

*The Neural Correlates of Third-Party Punishment*, (with Rene Marois) MacArthur Foundation Law and Neuroscience Project, Network on Legal Decision Making – Nashville, TN - Feb. 2008

*The Neural Basis of Legal Decision Making* (with J. Buckholtz) Vanderbilt University Institute of Imaging Science, Nashville, TN - Nov. 2008

*Behavioral Biology and the Endowment Effect: An Empirical Investigation*, presented at: Cornell Law School, Nov. 2007; Gruter Institute for Law and Behavioral Research, May 2007; Vanderbilt University Law School, Feb. 2007; Emory School of Law, Apr. 2006.

*Law and Neuroscience: A Panel Discussion*, Launch of the MacArthur Foundation Law and Neuroscience Project, Moynihan Federal Courthouse, New York, NY - Oct. 2007

*Harm and Punishment: An fMRI Investigation*, 9<sup>th</sup> Annual Scholarship Conference, Society for Evolutionary Analysis in Law, Indiana University School of Law, Bloomington - Oct. 2007

*Law and Biology – The State of Play*, Gruter Institute for Law and Behavioral Research, Squaw Valley, CA - May 2007

*Harm and Punishment: An fMRI Experiment*, Conference on *The Law & Ethics of Brain Scanning*, Arizona State University College of Law, Tempe, AZ - April 2007

*Emotions, Biology, and Property*, Conference on Law and Emotions, U. California, Berkeley, CA - Feb 2007

*Behavioral Biology, Economics, and Law*, Conference on Sociobiology, Evolutionary Psychology, and Feminist Legal Theory, Emory University School of Law, Atlanta, GA - Dec. 2006

*Where Law & Economics Meets Law & Biology*, Human Behavior and Evolution Society Annual Meeting, University of Pennsylvania, Philadelphia, PA - June 2006

*Panelist: Teaching Science in the 21<sup>st</sup> Century*, Annual Meeting of the Human Behavior and Evolution Society, University of Pennsylvania, Philadelphia, PA - June 2006

*Behavioral Biology, Economics, and Law*, 8<sup>th</sup> Annual Scholarship Conference, Society for Evolutionary Analysis in Law, Vanderbilt University Law School - Apr. 2006

*Neuroscience and Law*, MacArthur Foundation Law and Neuroscience Project, New York, NY - Apr. 2006

*Evolutionary Analysis in Law*, Center for Religion and Culture, Vanderbilt University, Nashville, TN - Apr. 2006

*Law and Behavioral Biology: Next Questions, Next Steps*, Vanderbilt University Law School, Nashville, TN - Mar. 2006 (Colloquium Director)

*Behavioral Biology and Economics: Similarities and Differences in Intersections with Law*, Law, Mind, and Brain conference, University College London - Feb. 2006

*Law and Behavioral Biology*, presented at: George Washington University Law School, Feb. 2006; University of Illinois College of Law, Oct. 2005; Stanford Law School, Center for Law and the Biosciences, Jan. 2005; Georgia State University College of Law, Oct. 2004; UCLA School of Law, Mar. 2004; Vanderbilt Law School, Nov. 2003; University of Michigan Law School, Law and Economics Workshop, Oct. 2003; Harvard Law School, Law and Economics Seminar, Apr. 2003

*Law, Biology, and Human Behavior*, Vanderbilt Department of Biological Sciences - Sept. 2005; Vanderbilt Department of Psychology, Nashville, TN - Oct. 2005

*The Future for Evolutionary Analysis in Law*, Human Behavior and Evolution Society Annual Meeting, Austin, TX - June 2005

*Investigating Endowment Effects in Chimpanzees (with Sarah Brosnan)*, Gruter Institute for Law and Behavioral Research, Squaw Valley, CA - May 2005

*Law and Behavioral Biology*, Conference on Where are Law, Ethics & the Life Sciences Headed? Frontier Issues University of Minnesota Law School, Minneapolis, MN - May 2005

*Behavioral Genetics and Crime, In Context*, Conference on The Impact of Behavioral Genetics on Criminal Law, Duke University Law School, Durham, NC - April 2005

*Law and Behavioral Biology: From Brain to Behavior and Back*, Gruter Institute for Law and Behavioral Research, Squaw Valley, CA - May 2004

*The Biologically Literate Lawyer*, 6<sup>th</sup> Annual Scholarship Conference, Society for Evolutionary Analysis in Law, Indiana University School of Law, Bloomington, Oct. 2003

*Neuroscience and Law Workshop*, American Association for the Advancement of Science (AAAS), Washington, D.C. - Sept. 12-13, 2003

*Behavioral Biology and Law*, Yale Department of Molecular, Cellular, and Developmental Biology, New Haven, CT - Sept. 2003

*Incorporating Biology into the Law School Curriculum*, Gruter Institute for Law and Behavioral Research, Squaw Valley, CA - June 2003

*Time-Shifted Rationality and the Law of Law's Leverage*, University of San Diego School of Law, San Diego, CA - Feb. 2003

*Prospects for Biolegal History*, Human Behavior and Evolution Society Annual Meeting, New Brunswick, NJ - June 2002



*Law and the Mind - 20 Years On*, Gruter Institute for Law and Behavioral Research, Squaw Valley, CA - June 2002

*Proprioception, Non-Law, and Biolegal History*, 4<sup>th</sup> Annual Scholarship Conference, Society for Evolutionary Analysis in Law, Florida State University College of Law, Tallahassee, FL - Apr. 2002

*Law and Evolutionary Science: Some Questions*, Arizona State University College of Law, Tempe, AZ - Apr. 2002

*Law, Biology, and Human Behavior*, Dept. of Biology, Arizona State University, Tempe, AZ - Apr. 2002

*Evolutionary Analysis in Law*, Program in the History and Philosophy of Science, University of Texas, Department of Philosophy, Austin, TX - Mar. 2002

*Panelist: Evolutionary Psychology: Science and Public Policy*, University of Texas, Department of Communications, Austin, TX - Nov. 2001

*Time-Shifted Rationality and the Law of Law's Leverage*, University of Texas School of Law, Austin - Oct. 2001

*Proprioception and Non-Law*, Arizona State University College of Law, Tempe, AZ - Apr. 2001

*Law and the Biology of Human Behavior*, DNA Conference, Brooklyn Law School, Brooklyn, NY - Mar. 2001

*Time-Shifted Rationality and the Law of Law's Leverage*, Colloquium on Law, Behavioral Biology, and Economics, Center for the Study of Law, Science, and Technology & Gruter Institute for Law and Behavioral Research, Co-Sponsors, Tempe, AZ - Nov. 2000

*The State of Evolutionary Analysis in Law*, 3<sup>rd</sup> Annual Scholarship Conference, Society for Evolutionary Analysis in Law, Indiana University School of Law, Indiana, IN - Oct. 2000

*Law and the Biology of Sexual Aggression*, Evolutionary Biology, Law, and Justice Series, University of Texas School of Law, Austin, TX - Oct. 2000

*Behavioral Biology and Criminal Law*, Plenary Panel, Conference on Criminal Justice, Association of American Law Schools, Washington, D.C. - June 2000

*Evolutionary Analysis in Law*, Human Behavior and Evolution Society Annual Meeting, Amherst, MA - June 2000

*Law and Behavioral Biology*, Speaker, ASU Law Society Dinner, Tempe, AZ - May 2000

*Law, Biology, and Rape: Toward Explanation and Prevention*, Yale Law School, New Haven, CT - Apr. 2000

*Time-Shifted Rationality: An Evolutionary Analysis of Endowment Effects, Inter-Temporal Choice Anomalies, and Other Supposed Irrationalities Relevant to Law*, Arizona State University College of Law, Tempe, AZ - Mar. 2000

*Evolved Psychology and Sexual Aggression: Implications for Law*, Human Behavior and Evolution Society Annual Meeting, Salt Lake City, UT - June 1999

*Emotions, Economics, Evolution, and Law*, 2<sup>nd</sup> Annual Scholarship Conference, Society for Evolutionary Analysis in Law, University of Pittsburgh School of Law, Pittsburgh, PA - Sept. 1999

*Law, Behavioral Economics, and Evolution*, Olin Conference on Evolution and Legal Theory, Georgetown University Law Center, Washington, D.C. - Apr. 1999

*Sex, Culture, and the Biology of Rape*, Scholarly Paper Presentation, Honorable Mention Award, Association of American Law Schools (AALS), New Orleans, LA - Jan. 1999

*An Evolutionary Analysis of Rape Law*, Symposium on Law and Evolutionary Biology, George Mason University School of Law, James Buchanan Center and Institute for Humane Studies, Co-Sponsors, Arlington, VA - Nov. 1998

*Sex, Culture, and the Biology of Rape*, Scholarship Roundtable, Society for Evolutionary Analysis in Law, White Plains, NY - Oct. 1998

*Behavioral Biology and Rape: Are There Law-Relevant Implications?*, Arizona State University College of Law, Tempe, AZ - Oct. 1998

*Law and Behavioral Biology: From Theory to Utility*, Ethological Foundations of Legal Behavioral Research: Epigenesis and the Law, Gruter Institute for Law and Behavioral Research, Tauberbischofsheim, Germany - Sept. 1998

*Socio-Economics and Behavioral Biology*, 10th International Conference on Socio-Economics, Vienna, Austria - July 1998

*Panelist: Neurobiology, Human Behavior, and Law*, Gruter Institute for Law and Behavioral Research, Squaw Valley, CA - June 1998

*Panelist: Biology and Sexual Aggression: Investigating Theories, Data, and Implications for Law*, National Science Foundation, Center for the Study of Law, Science, and Technology, Society for Evolutionary Analysis in Law, ASU College of Law, Tempe, AZ - May 1998

*Law, Economics, and Behavioral Biology*, Association of American Law Schools Annual Meeting, Section on Socio-Economics, San Francisco, CA - Jan. 1998

*Law and Behavioral Biology*, Amherst College, Department of Biology, Amherst, MA - Nov. 1997

*Evolutionary Processes & Principles of Behavioral Biology*, Frontiers in Law and Biology, Squaw Valley, CA - June 1997

*Evolutionary Analysis in Law: Issues in Methodology*, Frontiers in Law and Biology, Squaw Valley, CA - June 1997

*Law & the Human Animal: Integrating Nature and Nurture*, Southwestern Social Science Association, Panel on The Biological Aspects of Human Action, New Orleans, LA - Mar. 1997

*Faculty Member, Law, Biology, and Human Behavior Teaching Conference*, Squaw Valley, CA - June 1995; June 1996

*Behavioral Models in Law: The Contribution of Evolutionary Biology*, Symposium: Law, Human Behavior, and Evolution, sponsored by the University of San Diego Law School, Squaw Valley, CA - June 1996

*The Relevance to Law of Evolved Human Psychology and Genetically-Influenced Behavioral Predispositions*, Arizona State University College of Law, Tempe, AZ - Apr. 1996

*Commentator: Colloquium on Security and Risk in Law, Biology, and Human Behavior*, Gruter Institute for Law and Behavioral Research, Baltimore, MD - Feb. 1996

## PROFESSIONAL JOURNAL POSITIONS

*Jurimetrics: The Journal of Law, Science, and Technology*

Editor-in-Chief	Volume	38	1997-98
Book Review Editor	Volumes	35 & 36	1994-96
Member, Editorial Board	Volumes	37 & after	1996-97; 1998-2003

*Behavioral and Brain Sciences*

Associate	2001 - present
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*Evolutionary Psychology*

Member, Editorial Board	2001 - 2015
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*Journal of Contemporary Health Law & Policy*

Member, Board of Professional Advisors	1997 - 2015
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*Frontiers in Evolutionary Psychology*

Associate Editor	2009 - 2014
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*Journal of Law and the Biosciences*

Member, Editorial Board	2013 - present
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Palgrave series on *Law, Neuroscience, and Human Behavior*

Member, Advisory Board	2016 - present
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*Evolution & Human Behavior*

Member, Editorial Board	2024 - present
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## REVIEWER

Science; National Science Foundation (NSF); MacArthur Foundation; Oxford University Press; Cambridge University Press; Yale University Press; University of Chicago Press; Current Opinion in Neurobiology; Social Cognitive and Affective Neuroscience; Proceedings of the Royal Society B; Jurimetrics: The Journal of Law, Science, and Technology; Journal of Empirical Legal Studies (JELS); Journal of Law and Biosciences; Journal of Law, Information, and Science; Journal of Legal Studies; John Wiley & Sons; World Scientific Publishing; Public Library of Science (PLOS): Biology; Praeger Publishers; Human Nature; Evolution & Human Behavior; Evolutionary Psychology; Politics and Life Sciences; Cognitive Systems Research; Nature Human Behavior.

## SELECTED PROFESSIONAL ACTIVITIES AND AFFILIATIONS

### *Conferences Organized*

I have directed or co-directed over 55 interdisciplinary conferences around the country, mainly in connection with the MacArthur Foundation Research Network on Law and Neuroscience, the MacArthur Foundation Law and Neuroscience Project, the Society for Evolutionary Analysis in Law, and the Gruter Institute for Law and Behavioral Research.

### *Society for Evolutionary Analysis in Law (SEAL) ([www.sealsite.org](http://www.sealsite.org))*

Founding President, 1998 - 2006

Director, 2003 - present

SEAL is a scholarly association and nonprofit corporation dedicated to fostering interdisciplinary exploration of issues at the intersection of law, biology, and evolutionary theory, improving the models of human behavior relevant to law, and promoting the integration of life science and social science perspectives on law-relevant topics through scholarship, teaching, and empirical research. Members hail from 24 countries, representing the disciplines of law, biology, psychology, psychiatry, philosophy, anthropology, neuroscience, and economics, among others.

Co-Director, Annual Scholarship Conferences, 1998 - 2016

Junior Faculty Writing Prize Committee, 2005-present

### *Gruter Institute for Law and Behavioral Research*

Research Fellow, 1995 - present

Member, Planning and Programming Committee, 1998 - present

Member, Executive Committee, 1997-98

Co-Director, Law, Biology, and Human Behavior Teaching Conference, 1996, 1997

### *National Academies of Science and Engineering*

Member, Planning Committee for *Neuroscience and Law: Exploring the Legal Implications of Emerging Neurotechnologies*, 2018

### *National Center for Science Education*

Member, Legal Advisory Committee, 2005 - 2017

### *Center for the Study of Law, Science, and Technology, ASU College of Law*

Faculty Fellow 1994 - 2004

Co-Director, Colloquium on Law, Behavioral Biology, and Economics, Nov. 17-18, 2001

Co-Director, Colloquium on Biology and Sexual Aggression, May 21-23, 1998

### *American Bar Association Section on Science & Technology, Co-Chair, Publications Committee, 1997-98*

### *Association of American Law Schools (AALS), Law and Social Science Section*

Member, Executive Committee 1999 - 2000

### *Society for Empirical Legal Studies*

### *American Association for the Advancement of Science*

### *International Society for Human Ethology*

### *International Neuroethics Society*

### *Human Behavior and Evolution Society*

## SELECTED MEDIA

### Research Featured In:

*New York Times, Sunday Magazine*, Neurolaw: The Brain on the Stand, Mar. 11, 2007  
*The Economist*, It's Mine I Tell You, June 19, 2008  
*Neuron*, You Shouldn't Have: Your Brain on Others' Crimes, Dec. 10, 2008  
*Science News*, In the Brain, Justice is Served from Many Parts, Dec. 10, 2008 (web edition)  
*Financial Times*, Origins of Crime and Punishment, Dec. 12, 2008 (web edition)  
*National Law Journal*, Watching the Brain Make Legal Decisions, Dec. 12, 2008  
*National Law Journal*, Neurolaw: New Interdisciplinary Research Enters Legal System, Jan. 13, 2009  
*Wall Street Journal*, The Brain, Your Honor, Will Take the Witness Stand, Jan. 16, 2009, at A7  
*Scientific American*, The Legal Brain: How Does the Brain Make Judgments About Crimes?  
Jan. 27, 2009  
*Nature Reviews Neuroscience*, Research Highlight: The Neural Correlates of Third-Party  
Punishment, Feb. 2009  
*The National Law Journal*, Project Bridging Law and Neuroscience Lands at Vanderbilt, July 23, 2010  
*The National Law Journal*, Jurors Can't Distinguish Between Knowing and Reckless Conduct,  
Dec. 20, 2011  
*Vanderbilt Lawyer*, The Mind, Made Up, Dec. 2011  
Vanderbilt University Alumni Magazine, Featured Faculty Member, Spring 2008  
*Futurity*, In Tool Trade, Chimps Reveal a Quirky Bias, July 6, 2012  
*Science Daily*, Endowment Effect in Chimpanzees Can Be Turned On and Off, July 5, 2012  
*Through the Wormhole with Morgan Freeman*, The Science Channel, July 18, 2012  
(Season 3, Episode 7)  
*An Interview with Owen Jones*, The Neuroethics Blog, Nov. 12, 2013  
*Brains On Trial, With Alan Alda*, PBS, Sept. 2014 (hour-long interview at  
<http://brainsontrial.com/tag/owen-jones/>)  
*ABA Journal*, Millions have been invested in the emerging field of neurolaw. Where is it  
leading?, June 2020

### Host for *Neurolaw and Order* Documentary – British Broadcasting Corporation (BBC) World Service

A 30-minute exploration, with interviews, of how the latest findings in neuroscience are increasingly affecting the criminal justice system in America. Air date: Dec. 6, 2017.

Available at: <http://www.bbc.co.uk/programmes/w3cswell>

### Commentary In and For:

Various national and international print, radio, and web media, including for instance: *New York Times*, *Economist*, *The Atlantic*, *National Public Radio (NPR)*, *Science*, *Nature*, *Wired*, *The Discovery Channel*, *Scientific American*, *Science News*, *New Scientist*, *Knowable Magazine*, *The Science Network*, *New York Academy of Sciences*, *Los Angeles Times*, *Salon.com*, *Public Broadcasting Service (PBS)*, *Big Think*, *Through the Wormhole with Morgan Freeman*, *Big Picture Science*, *KCBS*, *The Marshall Project*, *American Bar Association (ABA) Journal*; *The Chicago Tribune*, *Al Jazeera America*, *British Broadcasting Corporation (BBC)*, *Time Magazine*, *The Washington Post*, *M.I.T. Technology Review*, *Guardian*, *CNN*; *NBCNews.com*, *Canadian Broadcasting Corporation*, *Forbes*.

## TEACHING

Contracts; Legal Scholarship (Seminar); Law and Neuroscience (offered in both law and psychology curricula); Law and the Brain (offered in both law and psychology curricula); Law, Biology, and Human Behavior (Seminar) (offered in both law and biology curricula); Independent Reading Tutorial (in Biological Sciences); Evolution in the Courts: Science, Policy, and Politics (Seminar) (offered in both law and biology curricula); Law and Violence (Seminar); Jurimetrics (Seminar).

Additional guest lecturing (at Vanderbilt, except where noted) in: Law and Psychology (Yale Law School); Law and Economics (Harvard Law School); Law and Neuroscience (Harvard Law School); Public Law and Policy Workshop Series (U. Cal. Berkley School of Law); Neuroethics; Foundations of Neuroscience; Introductory Biology; Economic Dimensions of Human and Organizational Development; Behavioral Ecology; Human Biology; Brain Basis of Mental Disorders.

## SELECTED INSTITUTIONAL SERVICE

### Vanderbilt University

**University:** Grievance Committee (2021); Advisory Board, Evolutionary Studies Initiative (2019-present); Chancellor's Executive Committee for Strategic Planning (2013-14); Ph.D. Committees (Psychology) 2010-11; 2011-12; 2014-15; 2015-16; 2016-17; 2017-18; 2018-19; 2019-20; Lectures Committee 2005-2006; Faculty Advisor, Vanderbilt Association for Neuroscience and Law (2014-present)

**Law School:** Director, Weaver Family Program on Law, Brain Sciences, and Behavior (2023 - present); Ad Hoc Curriculum Committee (2023); Ad Hoc Calendar Committee (2019); Ad Hoc Committee on Renewal and Promotion (2017); Ad Hoc Committee on Research Investments (2016); Entry Level Appointments Committee (2012); Faculty Advisor, Vanderbilt Interdepartmental Group on Law and Neuroscience; Law and Economics Lateral Appointments Committee 2009-10; Chair, Ad Hoc Renewal and Promotion Committees 2008-09 (2 candidates); Director, Society for Evolutionary Analysis in Law (SEAL) ([www.sealsite.org](http://www.sealsite.org)) 2004-present; Director, Law and Behavioral Biology Speaker Series, 2005-present.

### Arizona State University College of Law:

Dean Search Committee (elected, 1997-98), Dean's Advisory Committee (elected, 1997-98, 1998-99; 2004); Appointments Committee (2002-03); Committee on Academic Success (Chair, 2004); Academic Standards Committee (2004); Center for the Study of Law, Science, and Technology Committee (regularly); Ad Hoc Committee on Honors College (Chair, 1999-2000); Financial Aid and Scholarships Advisory Committee (Chair, 1998-99).

## OTHER EMPLOYMENT

**U.S. Department of State**, Office of the Legal Adviser, Washington, D.C., *Legal Intern*, June - July 1991

**Covington & Burling**, Washington, D.C., *Summer Associate*, Apr. - June 1991

**General Electric**, Corporate Headquarters, Fairfield, CT, *Special Assistant to the Vice President of Litigation and Legal Policy*, May - Aug. 1990

**Tyler, Cooper & Alcorn**, New Haven, CT, *Fall Associate*, Sept. - Dec. 1989

**Simpson, Thacher & Bartlett**, New York, NY, *Summer Associate*, May - Aug. 1989

**Coudert Freres**, Paris, France, *Stagiare*, Oct. 1987 - May 1988

**Shaw, Pittman, Potts & Trowbridge**, Washington, D.C., *Summer Associate*, June - July 1987

**Te Vega**, *Deckhand*, May - Sept. 1985 (Trans-Atlantic; 156-foot gaff rig Tall Ship schooner)

## BAR ADMISSIONS

District of Columbia, 1992; Pennsylvania, 1991

## PERSONAL

Interests: Whitewater Kayaking, Kayak Surfing, Skiing, Snowboarding, Scuba

Dated: Jan. 2025

**Appendix:**  
**Publications of the MacArthur Foundation Research Network on Law and Neuroscience**

1. [Network Overview](#), Knowledge Brief, MacArthur Foundation Research Network on Law and Neuroscience (2013).
2. [Law & Neuroscience: What, Why, and Where to Begin](#), MacArthur Foundation Research Network on Law and Neuroscience (2016).
3. [fMRI and Lie Detection](#), MacArthur Foundation Research Network on Law and Neuroscience (2016).
4. [How Should Justice Policy Treat Young Offenders?](#), MacArthur Foundation Research Network on Law and Neuroscience (2017).
5. [G2i Knowledge Brief](#), MacArthur Foundation Research Network on Law and Neuroscience (2017).
6. Aono, Darby, Gideon Yaffe, & Hedy Kober, [Neuroscientific Evidence in the Courtroom: A Review](#), 4 COGN RES: PRINC IMPLIC. 40 (2019).
7. Bellucci, Gabriele, Sergey Chernyak, Morris Hoffman, Gopikrishna Deshpande, Olga Dal Monte, Kristine M. Knutson, Jordan Grafman, & Frank Krueger, [Effective Connectivity of Brain Regions Underlying Third-Party Punishment: Functional MRI and Granger Causality Evidence](#), SOCIAL NEUROSCIENCE (2016).
8. Bonnie, Richard J. & Elizabeth S. Scott, [The Teenage Brain: Adolescent Brain Research and the Law](#), 22 CURRENT DIR. PSYCH. SCI. 158 (2013).
9. Bonnie, Richard J., Robert L. Johnson, Betty M. Chemers, and Julie Schuck, Editors; Committee on Assessing Juvenile Justice Reform; Committee on Law and Justice; Division of Behavioral and Social Sciences and Education; National Research Council, [Reforming Juvenile Justice: A Developmental Approach](#), THE NATIONAL ACADEMIES PRESS (2013).
10. Breiner, Kaitlyn, Anfei Li, Alexandra O. Cohen, Laurence Steinberg, Richard J. Bonnie, Elizabeth S. Scott, Kim Taylor-Thompson, Marc D. Rudolph, Jason Chein, Jennifer A. Richeson, Danielle V. Dellarco, Damien A. Fair, B. J. Casey, Adriana Galván, [Combined Effects of Peer Presence, Social Cues, and Rewards on Cognitive Control in Adolescents](#), DEVELOPMENTAL PSYCHOBIOLOGY (2018).
11. Brown, T. I., Rissman, J., Chow, T. E., Uncapher, M. R., & Wagner, A.D., [Differential Medial Temporal Lobe and Parietal Cortical Contributions to Real-World Autobiographical Episodic and Autobiographical Semantic Memory](#), SCIENTIFIC REPORTS (2018).
12. Brown, Thackery I., Gagnon, S. A., Wagner, A.D., [Diminished Cognitive Flexibility Under threat: Stress Disrupts Human Hippocampal-Prefrontal Memory Function and Prospective Spatial Navigation](#), (Forthcoming 2020).
13. Brown, Thackery I., M.R. Uncapher; T.E. Chow, J.L. Eberhardt. A.D. Wagner, [Cognitive Control, Attention, and the Other Race Effect in Memory](#), 12 PLOS ONE 1 (2017).
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