

# HENRY H. BAUER

Professor Emeritus of Chemistry & Science Studies  
Dean Emeritus of Arts & Sciences  
Virginia Polytechnic Institute & State University  
("VPI", "VPI&SU", "Virginia Tech")

207 Woods Edge Court  
Blacksburg VA 24060-4015  
(540) 951-2107  
hhbauer@vt.edu

[www.henryhbauer.homestead.com](http://www.henryhbauer.homestead.com)

**blogs:** <http://hivskeptical.wordpress.com>

<http://scimedskaptic.wordpress.com>

Born 16 November 1931 in Vienna (Austria)  
Resident of Australia 1939-56 & 1958-65; Australian citizen 1945-69  
Resident of U.S.A. 1956-58 & 1965-date; U.S. citizen since 1969  
Married. Children: Helen Codron, Judy Bauer

## Education

The Sydney Boys' High School (Dux, 1947)  
Degrees from The University of Sydney (all in chemistry):  
B.Sc.(1st class honours) 1952; M.Sc. 1953; Ph.D. 1956  
Postdoctoral, University of Michigan, 1956-58

## Institutional Affiliations

1978-99 **Virginia Polytechnic Institute & State University**: Professor of Chemistry & Science Studies;  
1993--99 Editor, *Virginia Scholar*, <http://filebox.vt.edu/faculty/aaup/index4.html>  
1978-86, Dean, College of Arts & Sciences  
1979 Founding member, Center for the Study of Science in Society  
1966-78 **University of Kentucky**: Professor (Associate Professor, 1966-69), Department of Chemistry  
Summer 1974, **Rikagaku Kenkyusho (Tokyo)**:  
Visiting Professor, Japan Society for the Promotion of Science  
1972-73, **University of Southampton**: Visiting Professor, Department of Chemistry  
1965-66 **University of Michigan**: Visiting Scientist, Department of Chemistry  
1958-65 **The University of Sydney**: Lecturer to Senior Lecturer, Department of Agricultural Chemistry

## Selected Present and Former Professional Activities

Rethinking AIDS (2009- ; Board Member)  
Society for Scientific Exploration (founding member; sometime councilor; Book Review Editor, *Journal of Scientific Exploration*, 1992-96; Editor-in-Chief, 2000-2007)  
National Association of Scholars; Virginia Association of Scholars (editor, *Virginia Scholar*; 1993-99; sometime Board of Directors, president, South-West Virginia chapter)  
Center for Scientific Anomalies Research; International Society of Cryptozoology (charter member)

## Selected Honors & Awards

Tim Dinsdale Award, Society for Scientific Exploration, 2012; Sydney S. Negus Memorial Lecturer, Virginia Academy of Science, 1984; Honored Companion, Loch Ness Explorers, 1978; Visiting Professor, Japan Society for the Promotion of Science, 1974; University of Kentucky Research Foundation Award, 1974; Australia-America Foundation travel grant, 1965; Fulbright post-doctoral travel grant, 1956; [*Australia, University of Sydney*]: C.S.I.R.O. fellowship, 1952-54; Frank Dixon Scholarship in Chemistry (1951), Commonwealth Scholarship (1951), University Bursary and Exhibition (1948-50). Under-16 chess champion, New South Wales (1946).

## Selected Listings:

Who's Who in America since 41st ed., 1980; American Men & Women of Science since 1971; Who's Who in the South & Southwest since 14th ed.; Contemporary Authors, vol. 149.

9 May 2024

## BOOKS

(reviews of these books are listed in the second-last section of this C.V.)

### **SCIENCE IS NOT WHAT YOU THINK: How It Has Changed, Why We Can't Trust It, How It Can Be Fixed**

Jefferson (NC): McFarland 2017 *WorldCat count 76 print, 35 ebook*

### **DOGMATISM IN SCIENCE AND MEDICINE: How Dominant Theories Monopolize Research and Stifle the Search for Truth**

Jefferson (NC): McFarland 2012 *WorldCat count 162 print, 68 ebook*

### **THE ORIGIN, PERSISTENCE AND FAILINGS OF HIV/AIDS THEORY**

Jefferson (NC): McFarland 2007 *WorldCat count 150*

### **FATAL ATTRACTIONS: THE TROUBLES WITH SCIENCE**

New York: Paraview Press 2001 *WorldCat count 71*

### **SCIENCE OR PSEUDOSCIENCE: MAGNETIC HEALING, PSYCHIC PHENOMENA, AND OTHER HETERODOXIES**

Urbana & Chicago: University of Illinois Press 2001; **paperback edition, 2004** *WorldCat count 465*

### **SCIENTIFIC LITERACY AND THE MYTH OF THE SCIENTIFIC METHOD**

Urbana & Chicago: University of Illinois Press 1992, ix + 180 pp.; **2nd printing 1992**

In **Cassette Book** format, RC 35437, narrated by K. D. Henry, **1992**

**Paperback edition, 1994** *WorldCat count 852*

### **TO RISE ABOVE PRINCIPLE: THE MEMOIRS OF AN UNRECONSTRUCTED DEAN**

Urbana & Chicago: University of Illinois Press 1988, xviii + 180 pp. (under the pen-name 'Josef Martin')

**Second edition with added material**, Wipf & Stock, 2012 *WorldCat count 400*

### **THE ENIGMA OF LOCH NESS: MAKING SENSE OF A MYSTERY**

Urbana & Chicago: University of Illinois Press 1986, xiii + 243 pp.; **2nd printing 1987**

**Paperback edition** (with minor revisions), **1988**.

In **Cassette Book** format, RC 25592, narrated by Richard Dorf, **1988**

**U.K. edition**, Stirling (Scotland): Johnston & Bacon **1991**, xv + 189 pp.

**Re-issued** by Wipf & Stock, **2012** *WorldCat count 816*

### **BEYOND VELIKOVSKY: THE HISTORY OF A PUBLIC CONTROVERSY**

Urbana & Chicago: University of Illinois Press 1984, xiii + 354 pp.

**Paperback edition**, **1999**. *WorldCat count 496*

### **INSTRUMENTAL ANALYSIS** by Henry H. Bauer, Gary D. Christian & James E. O'Reilly (eds.)

Boston etc.: Allyn & Bacon 1978, ix + 832 pp.

**Italian edition (ANALISI STRUMENTALE)**, Padua: Piccin Nuova Libreria **1985**, xii + 820 pp.

(an upper-level textbook) *WorldCat count 407 + 22 Italian*

### **ELECTRODICS—MODERN IDEAS CONCERNING ELECTRODE REACTIONS**

Stuttgart: Georg Thieme 1972, ix + 131 pp.

**Japanese translation** by Reita Tamamushi & Gen P. Sato, Tokyo Kagaku Dozin **1976**, ix + 192 pp.

(an upper-level textbook) *WorldCat count 250*

### **ALTERNATING CURRENT POLAROGRAPHY AND TENSAMMETRY** by B. Breyer & H. H. Bauer

(vol.13 of *Chemical Analysis*, edited by P. J. Elving & I. M. Kolthoff)

New York & London: Interscience 1963, xix + 288 pp.

(a research monograph) *WorldCat count 492 print, 2 ebook*

ARTICLES, CHAPTERS & ON-LINE VIDEOS & COMMENTS  
in science studies, on higher education, & about HIV/AIDS  
(publications in chemistry are in a later section of this C.V.)

- Failings of Nessie Debunkers and of Debunkers in General**, with Roland Watson, *Journal of Scientific Exploration*, 38 (2024) 138-54; <https://journalofscientificexploration.org/index.php/jse/article/view/2877/2095>
- Occam's Razor and Bayesian Measures of Likelihood Suggest Loch Ness Monsters Are Real Animals: An Example of Premature Discovery With Implications for Public Policy**, *Journal of Scientific Exploration*, 36 (2022) 740-48
- 'Fringe Science'—A Tautology, Not Pariah (editorial)**, by James Houran & Henry Bauer, *Journal of Scientific Exploration*, 36 (2022) 207-17
- Integrated Science: Ambitions, Practicalities, Misunderstandings, chapter 4 i(pp. 79-98) n *Integrated Science— Science without Borders* (ed. Nima Rezaei), Springer, 2021**
- Dogmatism in Science, and Dogmatic Cults of Scientism Self-described as Skeptical**, *Zeitschrift für Anomalistik*, 21 (2021) 118-155
- Can science regain credibility?** *EdgeScience*, 45 (2021) 3-5
- Loch Ness Monsters as cryptid (presently unknown) sea turtles**, *Journal of Scientific Exploration*, 34 (2020) 93-104
- Random Coincidence or Psi: What Are the Odds?** *Zeitschrift für Anomalistik*, 19 (2019) 140-150
- Toward a "Science of the Subjective": Reminiscences and Speculations in Memory and in Honor of Bob Jahn**, *Journal of Scientific Exploration*, 32 (2018) 161-166
- Foreword** (pp. 13-14), *Here's Nessie! — A monstrous compendium from Loch Ness*, Karl P. N. Shuker, CFZ Press (2016)
- Is science really evidence-based?** *EdgeScience*, 25 (2016) 3-6
- Climate-Change Science or Climate-Change Propaganda?** *Journal of Scientific Exploration*, 29, (2015) 621–636
- Keynote Foreword** (pp. xvi-xviii), *Positively False — Exposing the Myths around HIV and AIDS — 16th Anniversary Edition*, Joan Shenton, Immunity Resource Foundation (2015)
- Misleading Notions About Science and Their Consequences**, *WISE Journal*, 4 (#2, Summer 2015), pp. 30-6
- How Medical Practice Has Gone Wrong: Causes of the Lack-of-Reproducibility Crisis in Medical Research**, *Journal of Controversies in Biomedical Research*, 1(#1, 2015):28-39; DOI: <http://dx.doi.org/10.15586/jcbmr.2015.8>
- Grundlegende theoretische Konzepte der Anomalistik (Fundamental theoretical concepts of anomalistics)**, Ch. 6 in *An den Grenzen der Erkenntnis: Handbuch der Wissenschaftlichen Anomalistik (At the Boundaries of Understanding: Handbook of Anomalistics)*, ed. Gerhard Mayer et al., Schattauer (2014)
- The Failings of Modern Medicine (Guest Editorial)**, *EXPLORE*, 10 (2014) 345-9
- Shamans of Scientism: Conjuring Certainty Where There Is None**, *Journal of Scientific Exploration*, 28 (2014) 491-504
- Clinical Trials with Surrogate Outcomes Have Brought Bad Medicine(s)**, *Journal of American Physicians and Surgeons*, 19 (#3, 2014) 82-3; <http://www.jpands.org/jpands1903.htm>
- Anomalistics, Pseudo-Science, Junk Science, Denialism: Corollaries of the Role of Science in Society**, *Journal of Scientific Exploration*, 28 (2014) 95-111
- The Science Bubble**, *EdgeScience*, #17, February 2014, 3-6; <http://cts.vresp.com/c/?SocietyforScientific/Of424188e5/67593d1609/4ebd0c59d1>  
<http://is.gd/DHn6mo>
- Evidence-Based Medicine? Wishful Thinking**, Ch. 10 (pp. 227-36) in *Science and the Citizen: Contemporary Issues and Controversies*, ed. Marco Mamone Capria; ISBN 978-1-291-44683-8
- Three Stages of Modern Science**, *Journal of Scientific Exploration*, 27 (2013) 505-13
- Preface** (pp. 19-22), *L'Invention du Virus du SIDA*; French tr. by Pol Dubart (2012) of Peter H. Duesberg, *Inventing the AIDS Virus*, Regnery (1996).

**Seeking Immortality? Challenging the Drug-Based Medical Paradigm**, *Journal of Scientific Exploration*, 26 (2012) 867-80

**HIV does not cause AIDS**, Ch. 1:2 (pp. 30-39) in *Opposing Viewpoints: AIDS* (ed. Roman Espejo), Gale – Cengage Learning (Greenhaven Press), 2012

**Clinical significance of immune-system laboratory tests**, *Italian Journal of Anatomy and Embryology* 116 (2011) 157 (by Marco Ruggiero, Stefania Pacini, Tiziana Punzi, Gabriele Morucci, Massimo Gulisano, Claus Koehnlein & HHB)

**AIDS since 1984: No evidence for a new, viral epidemic – not even in Africa**, *Italian Journal of Anatomy and Embryology* 116 (2011) 73-92 (by Peter H. Duesberg, Daniele Mandrioli, Amanda McCormack, Joshua M. Nicholson, David Rasnick, Christian Fiala, Claus Koehnlein, Henry H. Bauer & Marco Ruggiero)

**Know your numbers — At your peril**, *Journal of Scientific Exploration*, 25 (2011) 555-62

**“Denialism”: The new “pseudo-science”**, *Journal of Scientific Exploration* 24 (2011) 693-700

**Iatrogenic Harm Following “HIV” Testing**, *Journal of American Physicians and Surgeons*, 15 (#2, 2010) 42-46

**Hindrances to scientific progress and the failings of HIV/AIDS theory**, Conference on AIDS — Knowledge and Dogma, Vienna, July 2010; <http://www.science-and-aids.org/e/films.html>

**HIV does not cause AIDS**, *EdgeScience* #3, April-June 2010, pp. 6-9

**HIV tests are not HIV tests**, *Journal of American Physicians and Surgeons*, 15 (#1, 2010) 5-9

**Safety issues in didactic anatomical dissection in regions of high HIV prevalence**, *Italian Journal of Anatomy and Embryology* 114 (#4, 2009) 179-192 (by Matteo Payer Galletti & HHB)  
<http://hivskeptic.files.wordpress.com/2010/06/galletti-and-bauer.pdf>

**HIV/AIDS blunder is far from unique in the annals of science and medicine**, Rethinking AIDS Conference, Oakland CA, November 2009;  
[http://ra2009.org/index.php?option=com\\_content&view=article&id=49&Itemid=54](http://ra2009.org/index.php?option=com_content&view=article&id=49&Itemid=54)

**Doing science means exploring**, *EdgeScience* 1, October 2009, p. 3

**Confession of an “AIDS denialist”: How I became a crank because we’re being lied to about HIV/AIDS**, pp. 378- 82 in *You Are STILL Being Lied To – The REMIXED Disinformation Guide to Media Distortion, Historical Whitewashes and Cultural Myths*, ed. Russ Kick (Disinformation Co., NY, 2009)

**Challenges and Advantages in Researching Anomalies**, *IUR – International UFO Reporter*, 32 #2 (December 2008) 3-5,18

**Incongruous Age Distributions of HIV Infections and Deaths from HIV Disease: Where is the Latent Period between HIV Infection and AIDS?** *Journal of American Physicians and Surgeons*, 13 (#3, 2008) 77-81

**Ethics in Science**, pp. 169-82 in *Against the Tide: A Critical Review by Scientists of how Physics and Astronomy Get Done*, ed. Martín López Corredoira & Carlos Castro Perelman (2008); <http://philsci-archive.pitt.edu/archive/00004046/>; Spanish edition, 2012, *A contracorriente: Un análisis crítico por científicos sobre cómo se hacen la física y la astronomía*, Common Ground Publishing España, Madrid

**Questioning HIV/AIDS: Morally Reprehensible or Scientifically Warranted?** *Journal of American Physicians and Surgeons*, 12 (#4, Winter 2007) 116-120

**Science: Past, Present, and Future**, *Journal of Scientific Exploration* 21 (#1, 2007) 141–155

**The Two-Edged Sword of Skepticism: Occam’s Razor and Occam’s Lobotomy**, *Journal of Scientific Exploration* 20 (#3, 2006) 421–427

**Demographic Characteristics of HIV: III. Why Does HIV Discriminate by Race?** *Journal of Scientific Exploration* 20 (2006) 255–88

**The mystery of HIV/AIDS**. *Quadrant*, July-August 2006, 61-3.

**Demographic Characteristics of HIV: II. What Determines the Frequency of Positive HIV Tests?** *Journal of Scientific Exploration* 20 (2006) 69–94

**Demographic Characteristics of HIV: I. How Did HIV Spread?** *Journal of Scientific Exploration* 19 (2005) 567–603; erratum, *ibid.*, 20 (2006) 95

**Science in the 21<sup>st</sup> Century: Knowledge Monopolies and Research Cartels**, *Journal of Scientific Exploration* 18 (2004) 643–660

**The Progress of Science and Implications for Science Studies and for Science Policy** (an essay review of *Prematurity in Scientific Discovery* by Ernest Hook (ed.); *Striking the Mother Lode in Science* by Paula E. Stephan & Sharon G. Levin; *Prometheus Bound* by John Ziman), *Perspectives on Science*, 11 (#2, 2003) 236–78

**Is HIV really the cause of AIDS?**, *The Anomalist*, 11 (2003) 19-21

**Common Knowledge about the Loch Ness Monster: Television, Video, and Films**, *Journal of Scientific Exploration* 16 (2002) 455-77

**The Case for the Loch Ness Monster: The Scientific Evidence**, *Journal of Scientific Exploration* 16 (2002) 225-246

**'Pathological Science' is not Scientific Misconduct (nor is it pathological)**, *HYLE (International Journal for Philosophy of Chemistry, ISSN 1433-5158)*, 8 (#1, April 2002) 5-20; available on-line at <http://www.hyle.org/journal/issues/8-1/index.html>

**Anomalies and Surprises**, *Journal of Scientific Exploration* 15 (2001) 459-63

**Linguistics** (a letter about hyphens and copyediting), *American Scholar*, 70 (#2) Spring 2001, 157-58

**Higher Education: What's Wrong**, *Clarion*, January/February 2000, 30-36

**Students Who Refuse to Study**, *Clarion*, September/October 1999, 12-23

**Students Who Don't Study**, *Inside Laboratory Management*, 1 (#3, April 1997) 27-29

**A Consumer's Guide to Science Punditry**; Chapter 2, (pp.22-34) in *Science Today: Problem or Crisis?* (ed. Ralph Levinson & Jeff Thomas, London & New York: Routledge, 1997)

**The Anti-Science Phenomenon in Science & Technology Studies**, *Science Studies*, 9 #1 (1996) 34-49;  
**Antiscience in Current Science and Technology Studies**, chapter 2 (pp. 41-61) in Ullica Segerstråle (ed.), *Beyond the Science Wars*, Albany: State University of New York Press, 2000; pp. 48-69 in Chinese translation by Caizhong (Philosophy, Nanjing University, Nanjing 210093, Jiangsu; ca. 2007)

**Cryptozoology**, pp.199-214 in *Encyclopedia of the Paranormal* (ed. Gordon Stein, Amherst (NY): Prometheus Books, 1996)

**Velikovsky**, pp.781-88 in *Encyclopedia of the Paranormal* (ed. Gordon Stein, Amherst (NY): Prometheus Books, 1996)

**Velikovsky's Place in the History of Science**, *Skeptic* (Altadena CA), 3 #4 (1995) 52-56;

**Two Kinds of Knowledge: Maps and Stories**, *Journal of Scientific Exploration*, 9 (1995) 257-75

**"Culture Wars"** (critique of book review of *Higher Superstition* by Gross & Levitt), *Science*, 265 (12 August 1994) 854

**Comments on Suitbert Ertel, "Puzzling Eminence Effects Might Make Good Sense"**, *Journal of Scientific Exploration*, 7 (#4, 1993) 447-48

**Diversity and Identity**, Keynote Address, *Proceedings of the 49th Annual Meeting of the American Conference of Academic Deans*, 1993, 27-35

**Affirmative Action at Virginia Tech: The Tail That Wagged the Dog**, *Academic Questions*, 6 (#1, Winter 1992-93) 72-84

**The Trivialization of Sexual Harassment: Lessons from the Mandelstamm Case**, *Academic Questions*, 5 (#2, Spring 1992) 55-66; follow-up letters from Abigail L. Rosenthal and Laura Bianchi, and response, in *Academic Questions*, 5 (#4, Fall 1992) 5-6; Abigail L. Rosenthal, "More on Mandelstamm" 6 (#2, Spring 1993) 9; Barry R. Gross, "In defense of a friend", p. 6

**Problems in the Scientific Study of Anomalous Experiences**, ch.1 (pp. 5-10) in Rima E. Laibow, Robert N. Sollod, & John P. Wilson (eds.), *Anomalous Experiences & Trauma: Current Theoretical, Research and Clinical Perspectives*, Dobbs Ferry (NY): Center for Treatment & Research of Experienced Anomalous Trauma, 1992

**American Epigraphy: Similarities with Other Anomalous Claims**, pp. 70-72 in James P. Whittall, Jr. (ed.), *American Epigraphy at the Crossroads*, Rowley (MA): Early Sites Research Society, 1991 (E.S.R.S. Epigraphy Series no.2)

**Physical Interpretation of Very Small Concentrations**, *Journal of Scientific Exploration*, 4 (1990) 49-53

**A Dialectical Discussion on the Nature of Disciplines and Disciplinarity**, *Social Epistemology*, 4 (1990) 215-227

**The Velikovsky Affair: Science and Scientism in Contemporary Society**, ch.7 (pp.62-70) in S. Fred Singer (ed.), *The Universe and its Origins*, New York: Paragon House 1990

**Barriers against Interdisciplinarity: Implications for Studies of Science, Technology, and Society (STS)**, *Science, Technology, & Human Values*, 15 (1990) 105-119

**Encouraging Students in Large Classes to Ask Questions: Some Promising Results from Classes in Chemistry and Sociology**, *Teaching Sociology*, 17 (1989) 337-340 [with William E. Snizek]

**Arguments over Anomalies II. Polemics**, *Journal of Scientific Exploration*, 3 (1989) 1-14

**Public Perception of the Loch Ness Monster**, *Scottish Naturalist*, 1988, 69-93

**The Velikovsky Affair**, *La Recherche*, #205 (December 1988) 1448-1455. English-language version reprinted in *AEON*, II #6 (May 1992) 75-84

**Loch Ness Odyssey**, *Snowy Egret*, 51 (#2, Autumn 1988) 8-15

**Commonalities in Arguments over Anomalies**, *Journal of Scientific Exploration*, 2 (1988) 1-11

**What do we Mean by 'Scientific'?**, *Journal of Scientific Exploration*, 1 (1987) 119-127

**Society and Scientific Anomalies: Common Knowledge About the Loch Ness Monster**, *Journal of Scientific Exploration*, 1 (1987) 51-74

**Distributions of Belief on Controversial Matters**, *Zetetic Scholar*, #12/13 (August 1987) 99-102

**The Literature of Fringe Science**, *Skeptical Inquirer*, 11 (#2, Winter 1986-87) 205-10

**Frontier Science and Textbook Science**, *Science & Technology Studies*, 4 (#3/4, 1986) 33-34

**Velikovsky and Social Studies of Science**, *4S Review*, 2 (#4, Winter 1984) 2-8  
**The Loch Ness Monster: A Guide to the Literature—Supplement I**, *Zetetic Scholar*, #10 (December 1982) 26  
**Velikovsky and the Loch Ness Monster: Attempts at Demarcation in Two Controversies**, *Working Papers of the Center for the Study of Science in Society (VPI&SU)*, 2 #1 (April 1983; Rachel Laudan, ed.) 87-106  
**The Loch Ness Monster: Public Perception and the Evidence**, *Cryptozoology*, 1 (1982) 40-45  
**The Loch Ness Monster: A Guide to the Literature**, *Zetetic Scholar*, #7 (December 1980) 30-42  
**The Velikovsky Affair: Passions and Purposes—A perspective**, *Skeptical Inquirer*, V (#1, Fall 1980) 28-31; reprinted (pp.409-412) in K. Frazier (ed.), *Paranormal Borderlands of Science* (Buffalo: Prometheus 1981)  
**A Guide to Successful University Administration**, *Vestes* (The Australian Universities' Review), 12 (1969) 19-29

MORE EPHEMERAL ITEMS  
for a general audience

**Response to 'Does the West hate itself?'**, *Academic Questions*, 36 (2023) 8  
**Response to Foxon's (2023) "Can Bayesian Statistics Be Used To Analyze Phenomena In Folk Zoology?"**, *Journal of Scientific Exploration*, 37 (2023) 572-73  
**RE: Thermotropy Exploratory Study**, *Journal of Scientific Exploration*, 37 (2023) 557  
**COVID: Orthodoxy or Conspiracy: Can the Center Hold? (letter)**, *Journal of Scientific Exploration*, 36 (2022) 338-39  
**Real Science Doesn't Squash Dissent** (letter), *Wall Street Journal*, 16 March 2015, p. A12  
**Pseudo-Science in Science**, *EdgeScience*, 8 (July–September 2011) 3-4  
**Critique of Natrass, "Defending the boundaries"**, *Sociology of Health & Illness*, 30 June 2011  
**Democrats also reject evidence of science**, *Roanoke Times*, 30 November 2010  
**The New World Order in science**, LewRockwell.com, 19 December 2009; <http://is.gd/fU88p>  
**Suppression of science within science**, LewRockwell.com, 17 December 2009; <http://is.gd/fU7Uh>  
**Apologies all around**, *American Scholar*, 77 (#1, Winter 2008) p. 7  
**Fund drive displaces good programming**, *Roanoke Times*, 16 March 2007, p.VIRGINIA8  
**Einstein Issue praise** (letter), *Infinite Energy*, 7 (2001), issue 40, p. 4  
**Truth-telling in science**, VAS [Virginia Association of Scholars] On-line (Electronic newsletter on higher education in Virginia), 5 December newsletter, 27 November 2000 article  
**Big-time football does not further the goals of higher education**, *Roanoke Times*, 13 January 2000, A17  
**Faculty members should have a say** (letter), *Roanoke Times*, 10 May 1998, p.HORIZON 2  
**In Response** (to Paul A. Trout, "What the numbers mean"), *Change*, September/October 1997, p.26  
**The research university of the future** (guest editorial), *Research— Virginia Tech*, Winter 1997  
**Velikovsky's place clarified**, *The Skeptic*, 4 #2 (1996) 27-8 (response to "Velikovsky a catastrophe" by James Randi; "Velikovsky no benefit" by David Morrison, 4 #1, 20-21)  
**Torgersen made the right decision** (letter), *Roanoke Times* 11 December 1995  
**Students' bad attitudes** (letter), *Chemical & Engineering News* 7 August 1995, 5  
**About Project ENABLE** (letter), *Spectrum* (VPI&SU) 2 March 1995, 3  
**Ethical research**, *Chemical & Engineering News*, 9 January 1995, 2-3  
**"Culture Wars"** (letter), *Science*, 12 August 1994, 265: 853-54  
**Antagonism toward science**, *IUR*, May-June 1994, 18  
**PC: Threat to Science?** (letter), *Academic Questions* 6 (#4, Fall 1993) 5-6; comments from Harry Rubin and David G. Stork, with response, "Political distortions of science", (7 #2, Spring 1994) 7-11; Paul R. Gross & Norman Levitt, "The natural sciences: Trouble ahead? Yes", pp. 13-29  
**Bringing home the bacon for Tech**, *Roanoke Times & World-News*, 20 August 1993, A10  
**By any other name** (letter), *The Scientist*, 16 March 1992, 12  
**Orwell's 'Animal Farm' plagiarized** (letter), *Roanoke Times & World-News*, 31 January 1992, A8  
**Visigoths in tweed** (letter), *Crisis*, November 1991, 12  
**Nomadic scientists**, *The Scientist*, 14 October 1991, 12  
**The National Association of Scholars**, *Spectrum* (VPI&SU), 2 May 1991, 3  
**Elusive pursuits** (letter), *International UFO Reporter*, May/June 1991, 20  
**Extraterrestrial UFOs: a respectable idea?** (comment), *Journal of UFO Studies*, n.s.2 (1990) 177-78  
**When will we find the Loch Ness Monster?**, *Leaders*, 13 (no.4), October-December 1990, 38-9  
**Lyric inadequate**, *Collegiate Times* (VPI&SU), 5 October 1990  
**"To Rise Above Principle": what Josef Martin didn't say**, *Spectrum* (VPI&SU), 27 September & 4 October 1990 (both p.3)  
**Different cultures** (letter), *The Scientist*, 2 October 1989, 13  
**Pay raises not enough to do the job at Tech** (letter), *Roanoke Times & World-News*, 16 September 1989, A11

**Draining brains** (letter), *The Scientist*, 20 February 1989, 12  
**UFOs** (letter), *Stanford Magazine*, Winter 1988, 24  
**About Tim Dinsdale** (letter), *ISC Newsletter*, 7 (#3, Autumn 1988) 10-11  
**Operation Deepscan**, *Nessletter* (ISSN 0264-7001), #84, October 1987  
**Report on Cryptozoology**, *The Explorer*, 4 (#1, October 1987)  
**Sublimation not melting** (letter), *ISC Newsletter*, 6 (#3, Autumn 1987) 11  
**Fraud in science** (letter), *Chemical & Engineering News*, 13 July 1987, 34-36  
**Reflections on the College of Arts & Sciences**, *Spectrum* (VPI&SU), 7 August 1986; *Biotic News & Biodegradable Views* (Alumni Newsletter of the Biology Department), 4 (#1, Spring 1986)  
**Kinds of scientific illiteracy**, *Roanoke Times & World-News*, 16 June 1986  
**Different approaches?** (letter), *Skeptical Inquirer*, X (Winter 1985-86) 186-187  
**Arts & Sciences at Virginia Tech**, *Foundation Forum* (German Club Alumni Newsletter), #3 (December 1985)  
**Do we know what we mean by higher education?**, *Spectrum* (VPI&SU), 17 October 1985; **College should make students more human**, *Arlington (VA) Journal and Fairfax (VA) Journal*, 22 October 1985; **First, let's be clear about what higher education means**, *Roanoke Times & World-News*, 25 October 1985  
**Concerning the Nessie flipper photo controversy** (letter), *ISC Newsletter*, 4 (#2, Summer 1985) 9  
**Cryptozoology**, *The Explorer*, 2 (#1, January 1985) 5  
**About Loch Ness** (letter), *Skeptical Inquirer*, IX (#1, Fall 1984) 91-92  
**Comment: Martin Gardner's 'day-and-night'** (letter), *Isaac Asimov's Science Fiction Magazine*, July 1984, 13  
**Reappraisal of Mars correlation** (letter), *Skeptical Inquirer*, VIII (#1, Fall 1983) 88-89  
**Don't measure up?** (letter), *Skeptical Inquirer*, VII (#3, Spring 1983) 89-90  
**About the Walla-Walla casts** (letter), *ISC Newsletter*, 2 (#1, Spring 1983) 11  
**Comments to Ron Westrum's 'Crypto-Science and Social Intelligence about Anomalies'**, *Zetetic Scholar*, #10 (December 1982) 109-111  
**Getting published and getting tenure**, in *The Challenge of Change: Critical Choices for Scholarly Publishing*, Society for Scholarly Publishing 1982, 62-63  
**The state of the humanities**, *Spectrum* (VPI&SU), 9 July 1981  
**The Velikovsky Affair** (letter), *Skeptical Inquirer*, V (#3, Spring 1981) 74-75  
**On affirmative action** (letter), *Spectrum* (VPI&SU), 2 April 1981  
**Attitudes toward paranormal claims** (letter), *Skeptical Inquirer*, V (#2, Winter 1980-81) 70-71  
**"May the love of learning rule mankind"**, *Spectrum* (VPI&SU), 25 January 1979  
**Humanities Program**, *Humanities* (Center for Programs in the Humanities, VPI&SU), 1 (#1, September 1978)  
**An open letter to Tom Glatzmayer**, *Uniview* (Unitarian Universalist Church, Lexington KY), 18 February 1976  
**The Loch Ness Monster** (letter), *Courier-Journal* (Louisville KY), 9 December 1975  
**My belief in the Loch Ness Monster** (in Japanese), *Mainichi Evening News* (Tokyo), 12 July 1974  
**A sabbatical tale**, *AAUP Bulletin*, 60 (1974) 296-298  
**Bruno Breyer 1900-1967**, *Journal of Electroanalytical Chemistry*, 21 (1969) 1-3  
**The post-docs in the States** (letter), *Chemistry in Britain*, 4 (1968) 418  
**Testing nuclear weapons**, *Michigan Daily* (Univ. of Michigan), 15 May 1957

#### COLLOQUIA & LECTURES

(selected, not later published; see separate later section for talks about Loch Ness)

**On studying UFOS and lake monsters**, *MUFON 2012*, Smith Mountain Lake (VA),  
**The enduring enigma of lake and sea monsters**, *UFOs at the Lake*, Smith Mountain Lake (VA), 7 May 2011  
**Toward improvements in HIV epidemiology**, Poster session, *Italian Conference on AIDS and Retroviruses* (Florence), 27-29 March 2011 (by Matteo Prayer Galletti, Stefania Pacini, Gabriele Morucci & HHB)  
**What the scientific method doesn't explain about science**, INFORMS (graduate students, Industrial & Systems Engineering), 29 March 2001  
**Science and pseudo-science**, Forestry graduate students, 20 March 2001  
**Some thoughts about Big Science**, NSF Workshop on Expanding the Information and Data Management Research and Education Community, Hotel Roanoke (VA), 2 October 2000  
**Research ethics: why the fuss?**, Holland Laboratory (American Red Cross), Rockville MD, 8 May 1998  
**Science, Social Science, Pseudo-Science.... What's the Difference?**, Annual Awards Banquet, ACS Northeast Tennessee Section, Kingsport TN, 27 April 1998  
**Science, anti-science, & science studies**, Physics Department, University of Florida, 20 March 1997  
**The new generations: students who don't study**, AOACI Symposium on "The Technological Society at Risk", 10 September 1996 (Orlando FL); <http://www.bus.lsu.edu/accounting/faculty/lcrumbley/sfirtas.htm>, "Students who don't study"  
**The myth of the scientific method**, 3rd Annual Josephine L. Hopkins Foundation Workshop for Science Journalists, Cornell University, 26 June 1996  
**Real science isn't news**, Woods Hole Summer Science Writers' Seminar, 13 June 1996

9 May 2024

**Science is as science does**, Funsten Science Lecture Series (Science Museum of Virginia, Richmond), 21 April 1996

**The fault lies in their stars, and not in them – when distinguished scientists lapse into pseudo-science**, Center for the Study of Science in Society, VPI&SU, 8 February 1996

**The anti-science phenomenon in STS** (invited panel contribution, Society for Social Studies of Science, Charlottesville [VA], October 1995

**Group culture & individual culture** (invited panel contribution, Committee VII), XXth International Conference on the Unity of the Sciences, Seoul (Korea), August 1995

**Misconduct by scientists: Why the fuss? What to do about it?** 1994-95, VPI&SU, in various science, agriculture, and engineering departments

**The goals of scientific literacy**, plenary lecture, International Conference on Education for Scientific Literacy, Science Museum (Kensington, London), November 1994

**What should science studies be? Some questions, some answers, some provocations**, Center for the Study of Science in Society, VPI&SU, 1 September 1994

**Must scientists really be taught in ethics?**, Center for the Study of Science in Society, VPI&SU, 23 September 1993

**Cold fusion: pathological science?**, Monash University (Australia), 28th May 1993; Unit for the History & Philosophy of Science, University of Sydney (Australia), 17th May 1993

**Two sorts of knowledge (not two cultures)**, Monash University (Australia), 26th & 27th May 1993; Center for the Study of Science in Society, VPI&SU, October 1992

**Ethics and science**, Monash University (Australia), 24th May 1993; 10th Virginia Tech Symposium on Undergraduate Research (American Chemical Society Student Affiliates), Blacksburg VA, March 1990; Center for the Study of Science in Society, VPI&SU, April 1990

**Politically correct education**, Deans' Round-Table, Monash University (Australia), 24th May 1993; Chemistry Department, University of Sydney (Australia), 19th May 1993

**The myth of the scientific method**, Centre for Human Aspects of Science & Technology, University of Sydney (Australia), 20th May 1993

**Indirect costs & the culture of greed**, Center for the Study of Science in Society, VPI&SU, 18 February 1993

**The scientist's view of science**, guest lecture, STS 5101, VPI&SU, Fall 1992

**Against "political correctness"**, Committee on Social Justice and Diversity, VPI&SU, November 1991

**Education or indoctrination?**, WorldWatch Seminar, VPI&SU, October 1991

**The wit of Erwin Chargaff**, Center for the Study of Science in Society, VPI&SU, September 1990

**What makes science scientific?**, Department of Physics, VPI&SU, January 1990

**The whole truth about science**, Center for the Study of Science in Society, VPI&SU, November 1989

**Is there life after deaning?**, Council of Colleges of Arts & Sciences, Boston MA, November 1989 (revealing identity of 'Josef Martin')

**Anomalies & interdisciplinarity**, Society for Scientific Exploration, Boulder CO, June 1989

**Are chemists scientists?**, 21st Annual South-East Regional Meeting, American Chemical Society Student Affiliates, East Tennessee State University, Johnson City TN, April 1989; 20th Annual meeting, Chemistry Chairs of Southeastern Universities, VPI&SU, Blacksburg VA, April 1989

**Arguments about pseudo-science**, Sigma Xi (Virginia Commonwealth University chapter), Richmond VA, March 1986

**Learning from the Velikovsky Affair**, Colloquium, Conceptual Foundations of Science, University of Chicago, March 1986; 14th International Conference on the Unity of the Sciences, Houston TX, November 1985

**Beyond Velikovsky–ESP, UFOs, and all that**, Northeast Tennessee Section, American Chemical Society & Southern Appalachian chapter, Sigma Xi, Johnson City TN, December 1985

**Controversies about fringe science**, Graduate Colloquium in History & Philosophy of Science, Cornell University, March 1985

**Science or pseudo-science? Loch Ness Monster, UFOs, ESP, etc.: is it reasonable to believe or to disbelieve?**, Philosophy Club, VPI&SU, February 1985

**Resistance by scientists to new discovery**, Round-Table Discussion, Society for Social Studies of Science, Toronto, October 1980

**Controversies on the fringes of science**, Sigma Xi (Lithium Corporation of America), November 1979; American Chemical Society Student Affiliates (South-East), East Tennessee State University, March 1979

**Resistance by scientists to scientific discovery**, American Chemical Society (University of Oklahoma section), May 1977; East Tennessee State University, May 1977; Berea College, April 1977; Transylvania University, October 1976; American Chemical Society Student Affiliates (South-East), University of Southern Mississippi, April 1976; abstract in *Chemistry Today* (Japan), #71 (1977) 59

**American Electrochemists**, East Tennessee State University, Spring 1976, Bicentennial Series on American Men of Science



Quantum Bullshit: How to Ruin Your Life With Advice From Quantum Physics & Farewell to Reality: How Modern Physics Has Betrayed The Search for Scientific Truth, by Chris Ferrie & Jim Baggott, *Journal of Scientific Exploration*, 38 (2024) 162-65

Traumas of the Mind-Brain-Body: PTSD: Lonely Pioneers: THE BODY KEEPS THE SCORE, by Bessel van der Kolk, *Journal of Scientific Exploration*, 37 (2023) 714-19

Speaking of "Pseudo-Science" Entails Scientism: The Importance of Not Being Earnest about Science: ON THE FRINGE: WHERE SCIENCE MEETS PSEUDOSCIENCE, by Michael D. Gordin, *Journal of Scientific Exploration*, 36 (2022): 512-19

THE WATER HORSES OF LOCH NESS, by Roland Watson *Journal of Scientific Exploration*, 36 (2022) 323-24

Startling Discoveries and Contrarian Anomalies: Small Comets and Other Heresies: COSMIC RAIN: THE CONTROVERSIAL DISCOVERY OF SMALL COMETS, by Louis A. Frank, *Journal of Scientific Exploration*, 36 (2022) 167-76

THE ESSENTIAL GUIDE TO THE LOCH NESS MONSTER AND OTHER AQUATIC CRYPTIDS, by Ken Gerhard, *Journal of Scientific Exploration*, 35 (2021) 1058-61

Unfathomed Dangers from Aluminum — Alzheimer's? Autism? Multiple Sclerosis? : IMAGINE YOU ARE AN ALUMINUM ATOM: DISCUSSIONS WITH MR. ALUMINUM, by Christopher Exley, *Journal of Scientific Exploration*, 35 (2021) 1095-1102

THE Most Important Book about Climate Change. UNSETTLED: WHAT CLIMATE SCIENCE TELLS US, WHAT IT DOESN'T, AND WHY IT MATTERS, by Steven E. Koonin, *Journal of Scientific Exploration*, 35 (2021) 1032-42

Evidence-Based Analysis of the COVID Pandemic: COVID: WHY MOST OF WHAT YOU KNOW IS WRONG, by Sebastian Rushworth, *Journal of Scientific Exploration*, 35 (2021) 662-66

SCIENCE FICTIONS: HOW FRAUD, BIAS, NEGLIGENCE, AND HYPE UNDERMINE THE SEARCH FOR TRUTH, by Stuart Ritchie, *Journal of Scientific Exploration*, 35 (2021) 422-32

Has physics theory become vacuous? LOST IN MATH: HOW BEAUTY LEADS PHYSICS ASTRAY, by Sabine Hossenfelder, *Journal of Scientific Exploration*, 35 (2021) 405-14

Crackpot Claims Raise Important Issues — essay review: of PLAGUE OF CORRUPTION: RESTORING FAITH IN THE PROMISE OF SCIENCE by Judy Mikovits & Kent Heckenlively; PLAGUE: ONE SCIENTIST'S SEARCH FOR THE TRUTH ABOUT HUMAN RETROVIRUSES AND CHRONIC FATIGUE SYNDROME, AUTISM, AND OTHER DISEASES, by Kent Heckenlively & Judy Mikovits, *Journal of Scientific Exploration*, 34 (2020) 34: 837-848

For the Good of Your Health, Read This Book — essay review of DANGER WITHIN US: AMERICA'S UNTESTED, UNREGULATED MEDICAL DEVICE INDUSTRY AND ONE MAN'S BATTLE TO SURVIVE IT, by Jeanne Lenzer, *Journal of Scientific Exploration*, 34 (2020) 829-836

Scientocracy: Why a Science Court Is Needed — essay review of SCIENTOCRACY: THE TANGLED WEB OF PUBLIC SCIENCE AND PUBLIC POLICY, edited by Patrick J. Michaels and Terence Kealey, *Journal of Scientific Exploration*, 34 (2020) 364-372

Disappointing Documentary about Loch Ness Monsters (Nessies) (Can Good Documentaries Be Made about Such Subjects?): LOCH NESS MONSTER: NEW EVIDENCE, *Journal of Scientific Exploration*, 34 (2020) 108-115

A Treat for Contrarian Thinkers — Essay Review of SEX AT DAWN: THE PREHISTORIC ORIGINS OF MODERN SEXUALITY by Christopher Ryan and Cacilda Jethá, *Journal of Scientific Exploration*, 33 (2019) 481-484

The Unending Human Tragedy — and Scientific Scandal — of HIV/AIDS: ESSAY REVIEW of David France, *How to Survive a Plague: The Inside Story of How Citizens and Science Tamed AIDS*, *Journal of Scientific Exploration*, 33 (2019) 116-20

Fake Medical News — essay review of Malcolm Kendrick, DOCTORING DATA: HOW TO SORT OUT MEDICAL ADVICE FROM MEDICAL NONSENSE, *Journal of Scientific Exploration*, 32 (2018) 764–772

of Richard Harris. RIGOR MORTIS—HOW SLOPPY SCIENCE CREATES WORTHLESS CURES, CRUSHES HOPE, AND WASTES BILLIONS, *Journal of Scientific Exploration*, 32 (2018) 635–637

of James Le Fanu, THE RISE AND FALL OF MODERN MEDICINE, *Journal of Scientific Exploration*, 31 (2017) 503–509,

of Howard Thomas Brady, MIRRORS AND MAZES, *Journal of Scientific Exploration*, 31 (2017) 334–336.

of James Franklin, WHAT SCIENCE KNOWS AND HOW IT KNOWS IT,  
*Journal of Scientific Exploration*, 31 (2017) 111-13

of Barrie Condon, SCIENCE FOR HERETICS: WHY SO MUCH OF SCIENCE IS WRONG, *Journal of Scientific Exploration*, 30 (2016) 611-13

DISCOVERIES AND DISCOVERERS — essay review of Gareth Williams, MONSTROUS COMMOTION:  
THE MYSTERIES OF LOCH NESS, *Journal of Scientific Exploration*, 30 (2016) 432-39

of Karl P. N. Shuker, A MANIFESTATION OF MONSTERS: EXAMINING THE (UN)USUAL SUSPECTS,  
*Journal of Scientific Exploration*, 30 (2016) 133-34

of Peter A. Sturrock, LATE NIGHT THOUGHTS ABOUT SCIENCE, *Journal of Scientific Exploration*, 30 (2016) 131-32

of Curtis White, ASKING THE BIG QUESTIONS IN A CULTURE OF EASY ANSWERS, *Journal of Scientific Exploration*, 30 (2016) 129-30

CLIMATE-CHANGE SCIENCE OR CLIMATE-CHANGE PROPAGANDA?— essay review of CLIMATE CHANGE: EVIDENCE & CAUSES — AN OVERVIEW FROM THE ROYAL SOCIETY AND THE U.S. NATIONAL ACADEMY, *Journal of Scientific Exploration*, 29 (2015) 621-36  
 Professor Bauer Has It Backwards by Peter A. Bancel, pp. 637-48  
 Notes on the Essay Review of *Climate Change: Evidence and Causes*, by Henry Bauer by Andrew Foss, pp. 649-58  
 Response to Bancel & Foss, pp. 659-61

of David Healy, PHARMAGEDDON, *Journal of Scientific Exploration*, 29 (2015) 511-16

CRUSADING FOR EVIDENCE-BASED ACTIONS— essay review of Alice Dreger, GALILEO'S MIDDLE FINGER: HERETICS, ACTIVISTS, AND THE SEARCH FOR JUSTICE IN SCIENCE, *Journal of Scientific Exploration*, 29 (2015) 493-501

of Franklin G. Miller, Luana Colloca, Robert A. Crouch & Ted J. Kaptchuk (eds.), THE PLACEBO: A READER, *Journal of Scientific Exploration*, 29 (2015) 376-77

of Carl Elliott, WHITE COAT, BLACK HAT: ADVENTURES ON THE DARK SIDE OF MEDICINE, *Journal of Scientific Exploration*, 29 (2015) 361-63

ABUSING PROBABILITIES, AND OTHER PSEUDO-SKEPTICS' MISDEEDS — essay review of Donald R. Prothero, *Reality Check: How Science Deniers Threaten Our Future*, *Journal of Scientific Exploration*, 29 (2015) 349-55

STRANGE BELIEFS AND WHY THEY ARE BELIEVED — essay review of Will Storr, *The Unpersuadables: Adventures with the Enemies of Science*, *Journal of Scientific Exploration*, 29 (2015) 343-48

PSYCHIATRY DECLARES CONSCIOUSNESS AN ILLUSION — essay review of Gary Greenberg, *Manufacturing Depression: The Secret History of Modern Disease*, *Journal of Scientific Exploration*, 29 (2015) 338-42

THE TROUBLES WITH PSYCHIATRY— essay review of SAVING NORMAL: AN INSIDER'S REVOLT AGAINST OUT-OF-CONTROL PSYCHIATRIC DIAGNOSIS, DSM-5, BIG PHARMA, AND THE MEDICALIZATION OF ORDINARY LIFE by Allen Frances and THE BOOK OF WOE: THE DSM AND THE UNMAKING OF PSYCHIATRY by Gary Greenberg, *Journal of Scientific Exploration*, 29 (2015) 124-30

of Karl P. N. Shuker, Mirabilis—A Carnival of Cryptozoology and Unnatural History, *Journal of Scientific Exploration*, 28 (2014) 550

of Peter C. Gøtzsche, DEADLY MEDICINES AND ORGANISED CRIME: HOW BIG PHARMA HAS CORRUPTED HEALTHCARE, *Journal of Scientific Exploration*, 28 (2014) 409

of Gerald H. Pollack, THE FOURTH PHASE OF WATER: BEYOND SOLID, LIQUID, AND VAPOR, *Journal of Scientific Exploration*, 28 (2014) 390

of Bruce G. Charlton, NOT EVEN TRYING: THE CORRUPTION OF REAL SCIENCE, *Journal of Scientific Exploration*, 28 (2014) 382

of Marco Mamone Capria (ed.), SCIENCE AND THE CITIZEN: CONTEMPORARY ISSUES AND CONTROVERSIES, *Journal of Scientific Exploration*, 28 (2014) 175

of Dinsdale, THE MAN WHO FILMED NESSIE: TIM DINSDALE AND THE ENIGMA OF LOCH NESS, 2-3

MEDICAL MYSTERIES AND CONUNDRUMS: WHEN DOCTORS MAY NOT HELP— essay review of Nicola Nelson, Susan Foley, and Shari Lawler for the Hashimoto's Encephalopathy SREAT Alliance, UNDERSTANDING HASHIMOTO'S ENCEPHALOPATHY: A GUIDE FOR PATIENTS, FAMILIES, AND CAREGIVERS, *Journal of Scientific Exploration*, 28 (2014) 130-7

of Livio, BRILLIANT BLUNDERS: FROM DARWIN TO EINSTEIN— COLOSSAL MISTAKES BY GREAT SCIENTISTS THAT CHANGED OUR UNDERSTANDING OF LIFE AND THE UNIVERSE, *Journal of Scientific Exploration*, 27 (2013) 746-9

of Corredoira, THE TWILIGHT OF THE SCIENTIFIC AGE, *Journal of Scientific Exploration*, 27 (2013) 711-3

CRYPTOZOOLOGY AND THE TROUBLES WITH "SKEPTICS" AND MAINSTREAM PUNDITS — essay review of Loxton & Prothero, ABOMINABLE SCIENCE, *Journal of Scientific Exploration*, 27 (2013) 690-704

of Goldacre, BAD SCIENCE: QUACKS, HACKS, AND BIG PHARMA FLACKS, *Journal of Scientific Exploration*, 27 (2013) 565-9

*CRITICISM: FAIR AND FOUL, MOSTLY FOUL* — essay review of **Chagnon**, NOBLE SAVAGES: MY LIFE AMONG TWO DANGEROUS TRIBES — THE YANOMAMÖ AND THE ANTHROPOLOGISTS and Dreger articles, “Darkness’s descent on the American Anthropological Association — A cautionary tale” and “The controversy surrounding The Man Who Would Be Queen: A case history of the politics of science, identity, and sex in the Internet age”, *Journal of Scientific Exploration*, 27 (2013) 553-61

*NOT EVEN WRONG ABOUT SCIENCE AND POLITICS* — essay review of **Mooney**, THE REPUBLICAN WAR ON SCIENCE and Berezow & Campbell, SCIENCE LEFT BEHIND: FEEL-GOOD FALLACIES AND THE RISE OF THE ANTI-SCIENTIFIC LEFT, *Journal of Scientific Exploration*, 27 (2013) 540-52

of **Bindernagel**, THE DISCOVERY OF THE SASQUATCH: RECONCILING CULTURE, HISTORY, AND SCIENCE IN THE DISCOVERY PROCESS, *Journal of Scientific Exploration*, 27 (2013) 329-33

of **Gordin**, THE PSEUDOSCIENCE WARS: IMMANUEL VELIKOVSKY AND THE BIRTH OF THE MODERN FRINGE, *Journal of Scientific Exploration*, 27 (2013) 147-53

of **Light** (ed.), THE RISKS OF PRESCRIPTION DRUGS, *Journal of Scientific Exploration*, 27 (2013) 123-7

of **Clark**, UNEXPLAINED! STRANGE SIGHTINGS, INCREDIBLE OCCURRENCES, AND PUZZLING PHYSICAL PHENOMENA, *Journal of Scientific Exploration*, 26 (2012) 926-7

of **Aziz**, PRESCRIBING SUNSHINE: WHY VITAMIN D SHOULD BE FLYING OFF SHELVES, *Journal of Scientific Exploration*, 26 (2012) 923-5

of **Nattrass**, THE AIDS CONSPIRACY: SCIENCE FIGHTS BACK, *Journal of Scientific Exploration*, 26 (2012) 885-91

of **Geffen**, DEBUNKING DELUSIONS: THE INSIDE STORY OF THE TREATMENT ACTION CAMPAIGN, *Journal of Scientific Exploration*, 26 (2012) 697-702

of **Haidt**, THE RIGHTEOUS MIND: WHY GOOD PEOPLE ARE DIVIDED BY POLITICS AND RELIGION, *Journal of Scientific Exploration*, 26 (2012) 717-8

of **McCausland**, A SCIENTIFIC ADVENTURE: REFLECTIONS ON THE RIDDLE OF RELATIVITY, *Journal of Scientific Exploration*, 26 (2012) 423-5

of **Wertheim**, PHYSICS ON THE FRINGE: SMOKE RINGS, CIRCLONS, AND ALTERNATIVE THEORIES OF EVERYTHING, *Journal of Scientific Exploration*, 26 (2012) 417-22

of **Kay**, AMONG THE TRUTHERS: A JOURNEY THROUGH AMERICA’S GROWING CONSPIRACIST UNDERGROUND, *Journal of Scientific Exploration*, 26 (2012) 177-9

of **Greene**, PRESCRIBING BY NUMBERS: DRUGS AND THE DEFINITION OF DISEASE, *Journal of Scientific Exploration*, 25 (2011) 555-62, Know your numbers — At your peril

of **Shuker**, KARL SHUKER’S ALIEN ZOO, *Journal of Scientific Exploration*, 25 (2011) 609-10

of **Greene**, PRESCRIBING BY NUMBERS: DRUGS AND THE DEFINITION OF DISEASE, *Journal of American Physicians and Surgeons*, 16 (#1, 2011) 28

of **Moynihan & Cassels**, SELLING SICKNESS, *EdgeScience*, 6 (January–March 2011) 17-9, “Real drugs for imaginary diseases”

of **Specter**, DENIALISM, and *New Scientist*, 15 May 2010, “Living in denial”, *Journal of Scientific Exploration*, 24 (2010) 693-700

of **Moynihan & Casels**, SELLING SICKNESS, *Journal of Scientific Exploration*, 24 (2010) 515-9

of **Scarre**, MEGALITHIC MONUMENTS OF BRITAIN & IRELAND, *Journal of Scientific Exploration*, 21 (2007) 805-7

of **Ayerza & Coates**, CHIA:REDISCOVERING A FORGOTTEN CROP OF THE AZTECS, *Journal of Scientific Exploration*, 21 (2007) 433-4

of **Culshaw**, SCIENCE SOLD OUT: DOES HIV REALLY CAUSE AIDS? *Journal of Scientific Exploration*, 21 (2007) 423-8

of **Chirimuuta**, AIDS, AFRICA & RACISM; **Konotey-Ahulu**, WHAT IS AIDS? *Journal of Scientific Exploration*, 21 (2007) 206-9

of **Greenberg**, FROM ALCHEMY TO CHEMISTRY, *Journal of Scientific Exploration*, 21 (2007) 209

*STAGNANT SCIENCE: WHY ARE THERE NO AIDS VACCINES?* essay review of **Cohen**, SHOTS IN THE DARK: THE WAYWARD SEARCH FOR AN AIDS VACCINE; **Thomas**, BIG SHOT: PASSION, POLITICS, AND THE STRUGGLE FOR AN AIDS VACCINE; **Wong-Staal & Gallo (eds.)**, AIDS VACCINE RESEARCH, *Journal of Scientific Exploration*, 21 (2007) 365-71

of **Agin**, JUNK SCIENCE, *Journal of Scientific Exploration*, 21 (2007) 202-4

of **Waller**, LEAPS IN THE DARK, *Journal of Scientific Exploration*, 21 (2007) 181-5

of **Farber**, SERIOUS ADVERSE EVENTS, *Journal of Scientific Exploration*, 20 (2006) 617-20

of **Davis**, WRONGFUL DEATH: THE AIDS TRIAL, *Journal of Scientific Exploration*, 20 (2006) 620-1

of **Scovill**, QUESTIONING AIDS IN SOUTH AFRICA (film), *Journal of Scientific Exploration*, 20 (2006) 503-5

of **Scovill**, OTHER SIDE OF AIDS (film) *Journal of Scientific Exploration*, 20 (2006) 505-10

of **Cameron**, WITNESS TO AIDS, *Journal of Scientific Exploration*, 20 (2006) 436-44

of **Stewart**, STORY OF LOCH NESS, *Journal of Scientific Exploration*, 20 (2006) 345-6

of **Crewdson**, SCIENCE FICTIONS, *Journal of Scientific Exploration*, 19 (2005)486-7

of **Bialy**, ONCOGENES, ANEUPLOIDY, AND AIDS, *Journal of Scientific Exploration*, 19 (2005) 456-64

*HIV, AS TOLD BY ITS DISCOVERERS: essay review of Gallo, VIRUS HUNTING; Montagnier, VIRUS, Journal of Scientific Exploration*, 19 (2005) 413-9

of **Hogan**, KICKING THE SACRED COW, *Journal of Scientific Exploration*, 19 (2005) 419-35

of **Krivot**, REBIRTH OF COLD FUSION, *Journal of Scientific Exploration*, 19 (2005) 294-6

of **Angell**, TRUTH ABOUT THE DRUG COMPANIES; Greenberg, SCIENCE, MONEY & POLITICS; **Krimsky**, SCIENCE IN THE PRIVATE INTEREST, *Journal of Scientific Exploration*, 19 (2005) 145-7

of **Davies**, SCIENCE IN THE LOOKING GLASS, *Journal of Scientific Exploration*, 19 (2005) 125-8

of **Bayanov**, AMERICA'S BIGFOOT: FACT NOT FICTION, *Journal of Scientific Exploration*, 18 (2004) 533

of **Bayanov**, IN THE FOOTSTEPS OF THE RUSSIAN SNOWMAN, *Journal of Scientific Exploration*, 18 (2004) 531-2

of **Bayanov**, BIGFOOT: TO KILL OR FILM? PROBLEM OF PROOF, *Journal of Scientific Exploration*, 18 (2004) 531

of **Arment**, CRYPTOZOOLOGY: SCIENCE AND SPECULATION, *Journal of Scientific Exploration*, 18 (2004) 529-30

of **Shuker**, BEASTS THAT HIDE FROM MAN, *Journal of Scientific Exploration*, 18 (2004) 354

of **Sperling**, WHAT YOUR ASTRONOMY TEXTBOOK WON'T TELL YOU, *Journal of Scientific Exploration*, 18 (2004) 353-54

of **Wilson**, LOGIC AND METHODOLOGY OF SCIENCE AND PSEUDO-SCIENCE, *Journal of Scientific Exploration*, 18 (2004) 352-53

of **JOURNAL — Mind and Matter**, *Journal of Scientific Exploration*, 18 (2004) 170-71

of **VIDEO — Search for the Loch Ness Monster**, *Journal of Scientific Exploration*, 18 (2004) 165-66

of **Jim Schnabel**, ROUND IN CIRCLES: POLTERGEISTS, PRANKSTERS, AND THE SECRET HISTORY..., *Journal of Scientific Exploration*, 18 (2004) 159-60

of **Sobran**, ALIAS SHAKESPEARE: SOLVING THE GREATEST LITERARY MYSTERY OF ALL TIME, *Journal of Scientific Exploration*, 18 (2004) 151-52

of **Price**, SHAKESPEARE'S UNORTHODOX BIOGRAPHY, *Journal of Scientific Exploration*, 18 (2004) 149-51

of **Mel Month**, WEEP FOR ISABELLE, *Journal of Scientific Exploration*, 18 (2004) 140-44

of **Loren Coleman & Partick Huyghe**, FIELD GUIDE TO LAKE MONSTERS, SEA SERPENTS, AND OTHER DENIZENS..., *Journal of Scientific Exploration*, 18 (2004) 135-36

of **John Polkinghorne**, FAITH, SCIENCE, AND UNDERSTANDING, *Journal of Scientific Exploration*, 17 (2003) 775-79

of **Perakh**, UNINTELLIGENT DESIGN, *Journal of Scientific Exploration*, 17 (2003) 758-61

of **WEBSITE — Gesellschaft für Anomalistik**, *Journal of Scientific Exploration*, 17 (2003) 587-88

of **Hobson & Leonard**, OUT OF ITS MIND: PSYCHIATRY IN CRISIS, *Journal of Scientific Exploration*, 17 (2003) 581

of **Ernest Hook** (ed.), PREMATUREITY IN SCIENTIFIC DISCOVERY: ON RESISTANCE & NEGLECT, *Journal of Scientific Exploration*, 17 (2003) 567-72

of **Chandler Burr**, EMPEROR OF SCENT: STORY OF PERFUME, OBSESSION & LAST MYSTERY OF SENSES, *Journal of Scientific Exploration*, 17 (2003) 564-67

of **Adovasio with Page**, FIRST AMERICANS: IN PURSUIT OF ARCHAEOLOGY'S GREATEST MYSTERY, *Journal of Scientific Exploration*, 17 (2003) 549–51

of **David Salsburg**, LADY TASTING TEA: HOW STATISTICS REVOLUTIONIZED SCIENCE, *Journal of Scientific Exploration*, 17 (2003) 542–44

of **Williams** ENCYCLOPEDIA OF PSEUDOSCIENCE, *Journal of Scientific Exploration*, 17 (2003) 381

of **Moseley & Pflock** SHOCKINGLY CLOSE TO THE TRUTH! CONFESSIONS OF A GRAVE-ROBBING UFOLOGIST, *Journal of Scientific Exploration*, 17 (2003) 380

of **Brown** DARWIN WARS: SCIENTIFIC BATTLE FOR THE SOL OF MAN, *Journal of Scientific Exploration*, 17 (2003) 379-80

of **Simon** UNDEAD SCIENCE: SCIENCE STUDIES AND THE AFTERLIFE OF COLD FUSION, *Journal of Scientific Exploration*, 17 (2003) 378-9

of **Aveni** BEHIND THE CRYSTAL BALL: MAGIC SCIENCE, AND THE OCCULT FROM ANTIQUITY, *Journal of Scientific Exploration*, 17 (2003).. 378

of **Howard Van Till**, SCIENCE HELD HOSTAGE: WHAT'S WRONG WITH CREATION SCIENCE and EVOLUTION, *Journal of Scientific Exploration*, 17 (2003) 366–69

of **WEBSITE — Origin-of-Life prize**, *Journal of Scientific Exploration*, 17 (2003) 181–192

of **John Casti**, BOUNDARIES AND BARRIERS, *Journal of Scientific Exploration*, 17 (2003) 177

of **J. Miller**, AN EVOLVING DIALOGUE: THEOLOGICAL & SCIENTIFIC PERSPECTIVES .. EVOLUTION, *Journal of Scientific Exploration*, 17 (2003) 149–51

of **Toby Smith**, LITTLE GRAY MEN: ROSWELL AND THE RISE OF A POPULAR CULTURE, *Isis*, 93 (#2, 2002) 354-5

of **McWhorter**, POWER OF BABEL, *Journal of Scientific Exploration*, 16 (2002) 698–702

of **Ruhlen**, ORIGIN OF LANGUAGE, *Journal of Scientific Exploration*, 16 (2002) 698–702

of **Baker**, FRAGILE SCIENCE, *Journal of Scientific Exploration*, 16 (2002) 697–98

of **John Polkinghorne**, BEYOND SCIENCE, *Journal of Scientific Exploration*, 16 (2002) 523–24

of **Aubrey Burl**, STONE CIRCLES OF BRITAIN, IRELAND, AND BRITTANY, *Journal of Scientific Exploration*, 16 (2002) 492, 498–503

of **Clive Ruggles**, ASTRONOMY IN PREHISTORIC BRITAIN AND IRELAND, *Journal of Scientific Exploration*, 16 (2002) 492, 495–98

of **Richard Bradley**, ARCHAEOLOGY OF NATURAL PLACES, *Journal of Scientific Exploration*, 16 (2002) 492–95

of **Lawrence**, UPHEAVAL FROM THE ABYSS, *Journal of Scientific Exploration*, 16 (2002) 307

of **Neal**, ALL DONE WITH MIRRORS, *Journal of Scientific Exploration*, 16 (2002) 305–7

of **Ridley**, ON SCIENCE, *Journal of Scientific Exploration*, 16 (2002) 276–78

of **Graham**, CANCER SELECTION: NEW THEORY OF EVOLUTION, *Journal of Scientific Exploration*, 16 (2002) 164–65

of **O'Mathuna & Larrimore**, ALTERNATIVE MEDICINE: THE CHRISTIAN HANDBOOK, *Journal of Scientific Exploration*, 16 (2002) 164

of **Nichols**, SCIENCE BLUNDERING: AN OUTSIDER'S VIEW, *Journal of Scientific Exploration*, 16 (2002) 163

of **John Evangelist Walsh**, UNRAVELING PILTDOWN: THE SCIENCE FRAUD OF THE CENTURY AND ITS SOLUTION, *Journal of Scientific Exploration*, 16 (2002) 148–50

of **Charles H. Townes**, HOW THE LASER HAPPENED: ADVENTURES OF A SCIENTIST, *Journal of Scientific Exploration*, 16 (2002) 146–48

of **Cold Fusion Papers** (a special double issue of *Accountability in Research: Policies and Quality Assurance*), vol. 8, nos. 1 & 2, 2000), *Journal of Scientific Exploration*, 16 (2002) 142–46

of **David Horrobin**, THE MADNESS OF ADAM AND EVE: HOW SCHIZOPHRENIA SHAPED HUMANITY, *Journal of Scientific Exploration*, 15 #4 (2001) 571-73

of **Howard Brody with Daralyn Brody**, THE PLACEBO RESPONSE: HOW YOU CAN RELEASE THE BODY'S INNER PHARMACY FOR BETTER HEALTH, *Journal of Scientific Exploration*, 15 #4 (2001) 541-46

of **John M. Braxton & Alan E. Bayer**, FACULTY MISCONDUCT IN COLLEGE TEACHING, *Academic Questions*, 14 (#3, Summer) 95-99

- of **Walter Gratzer**, *THE UNDERGROWTH OF SCIENCE: DECEPTION, SELF-DECEPTION, AND HUMAN FRAILTY*, *Journal of Scientific Exploration*, 15 (2001) 291-93
- of **Charles G. Beaudette**, *EXCESS HEAT: WHY COLD FUSION RESEARCH PREVAILED*; and supplementary video, *COLD FUSION: FIRE FROM WATER*, *Journal of Scientific exploration*, 15 (2001) 147-53
- of **Kary Mullis**, *DANCING NAKED IN THE MIND FIELD*, *Journal of Scientific Exploration*, 14 (2000) 654-57
- of **Arthur K. Shapiro and Elaine Shapiro**, *THE POWERFUL PLACEBO: FROM ANCIENT PRIEST TO MODERN PHYSICIAN*; and Anne Harrington (ed.), *THE PLACEBO EFFECT: AN INTERDISCIPLINARY EXPLORATION*, *Journal of Scientific Exploration*, 14 (2000) 485-91
- of **Steven Roger Fischer**, *GLYPHBREAKER*, *Journal of Scientific Exploration*, 12 (1998) 627-29
- of **Michael Shermer**, *WHY PEOPLE BELIEVE IN WEIRD THINGS: PSEUDOSCIENCE, SUPERSTITION & OTHER CONFUSIONS OF OUR TIME*, *Journal of Scientific Exploration*, 12 (1998) 485-87
- of **Carl Sagan**, *THE DEMON-HAUNTED WORLD: SCIENCE AS A CANDLE IN THE DARK*, *Journal of Scientific Exploration*, 11 (1997) 563-66
- of **Charles Officer & Jake Page**, *THE GREAT DINOSAUR EXTINCTION CONTROVERSY*, *Journal of Scientific Exploration*, 11 (1997) 557-59
- of **Frank J. Sulloway**, *BORN TO REBEL: BIRTH ORDER, FAMILY DYNAMICS, AND CREATIVE LIVES*, *Journal of Scientific Exploration*, 11 #3 (1997) 427-33
- of **John Lauritsen & Ian Young** (eds.), *THE AIDS CULT: ESSAYS ON THE GAY HEALTH CRISIS*, *Journal of Scientific Exploration*, 11 #3 (1997) 423-6
- of **Nicholas Humphrey**, *LEAPS OF FAITH: SCIENCE, MIRACLES AND THE SEARCH FOR SUPERNATURAL CAUSES*, *Journal of Scientific Exploration* 11 #2 (1997) 252-3 (addendum to Alper's review)
- of **Milton**, *FORBIDDEN SCIENCE*, *Journal of Scientific Exploration* 10 (1996) 552
- of **Cromer**, *UNCOMMON SENSE: THE HERETICAL NATURE OF SCIENCE*, *Journal of Scientific Exploration* 10 (1996) 429-30
- of **Peter Sacks**, *GENERATION X GOES TO COLLEGE: AN EYE-OPENING ACCOUNT OF TEACHING IN POSTMODERN AMERICA*, *Virginia Scholar* #10 (December 1996) 14-17; also *American Scholar* 66 (#3, Summer 1997) 467-70; also *Skeptical Inquirer* 21 (#4, July/August 1997) 50-51
- of **Tony "Doc" Shiels**, *MONSTRUM! A WIZARD'S TALE*, *Cryptozoology* 12 (1993-96) 80-82
- of **John Lauritsen**, *THE AIDS WAR: PROPAGANDA, PROFITEERING AND GENOCIDE FROM THE MEDICAL-INDUSTRIAL COMPLEX*; *POISON BY PRESCRIPTION: THE AZT STORY*, *Journal of Scientific Exploration*, 10 #3 (1996) 430-42 & *Virginia Scholar* #7 (January 1996) 15-20, #8 (April 1996) 11-19
- of **Michael Fumento**, *THE MYTH OF HETEROSEXUAL AIDS*, *Journal of Scientific Exploration*, 10 #3 (1996) 430-42 & *Virginia Scholar* #7 (January 1996) 15-20, #8 (April 1996) 11-19
- of **Robert S. Root-Bernstein**, *RETHINKING AIDS: THE TRAGIC COST OF PREMATURE CONSENSUS*, *Journal of Scientific Exploration*, 10 #3 (1996) 430-42 & *Virginia Scholar* #7 (January 1996) 15-20, #8 (April 1996) 11-19
- of **Bryan J. Ellison & Peter H. Duesberg**, *WHY WE WILL NEVER WIN THE WAR ON AIDS*, *Inside Story Communications* 1994, *Journal of Scientific Exploration*, 10 #3 (1996) 430-42 & *Virginia Scholar* #7 (January 1996) 15-20, #8 (April 1996) 11-19
- of **Mary Boyd Higgins** (ed.), *BEYOND PSYCHOLOGY: LETTERS AND JOURNALS, 1934-1939, BY WILHELM REICH*, *Skeptical Inquirer*, September/October 1995, 43-45; comment from Paul Edwards, "Reich: One positive contribution", January/February 1996, p. 65
- of **John Polkinghorne**, *THE FAITH OF A PHYSICIST*, *Journal of Scientific Exploration*, 9 #3 (1995) 428-30
- of **Michele Barone & Franco Selleri** (eds.), *FRONTIERS OF FUNDAMENTAL PHYSICS*, *Journal of Scientific Exploration*, 9 #3 (1995) 427-8
- of **Peter J. Markie**, *A PROFESSOR'S DUTIES: ETHICAL ISSUES IN COLLEGE TEACHING*, *Virginia Scholar* #5, April 1995, 13-14
- of **Howard Dickman** (ed.), *THE IMPERILED ACADEMY*, *Virginia Scholar* #5, April 1995, 12-13
- of **Stephen Carter**, *THE CULTURE OF DISBELIEF: HOW AMERICAN LAW AND POLITICS TRIVIALIZE RELIGIOUS DEVOTION*, *Virginia Scholar* #5, April 1995, 10-11
- of **Timothy Fuller** (ed.), *THE VOICE OF LIBERAL LEARNING: MICHAEL OAKESHOTT ON EDUCATION*, *Virginia Scholar* #5, April 1995, 8-10
- of **Gary Taubes**, *BAD SCIENCE: THE SHORT LIFE AND WEIRD TIMES OF COLD FUSION*, *Journal of Scientific Exploration*, 9 (1995) 301-307
- of **John Ziman**, *PROMETHEUS BOUND: SCIENCE IN A DYNAMIC STEADY STATE*, *Journal of Scientific Exploration*, 9 (1995) 151-55

- of **P. R. Gross & N. Levitt**, *HIGHER SUPERSTITION: THE ACADEMIC LEFT AND ITS QUARRELS WITH SCIENCE*, *Journal of Scientific Exploration*, 8 (1994) 555-63
- of **William R. Corliss**, *SCIENCE FRONTIERS: SOME ANOMALIES AND CURIOSITIES OF NATURE*, *Journal of Scientific Exploration*, 8 (1994) 419-20
- of **Gerald Holton**, *SCIENCE AND ANTI-SCIENCE*, *American Journal of Physics*, 62 (#9, September 1994) 862-63
- of **Gabrielle Simon Edgcomb**, *FROM SWASTIKA TO JIM CROW*, *Virginia Scholar*, 2 (March 1994) 18
- of **Jerome Clark**, *UNEXPLAINED!*, *Journal of Scientific Exploration*, 8 (1994) 289-90
- of **Paula Stephan & Sharon Levin**, *STRIKING THE MOTHER LODE IN SCIENCE*, *Journal of Scientific Exploration*, 8 (1994) 141-43
- of **Grover Krantz**, *BIG FOOT PRINTS*, *Journal of Scientific Exploration*, 8 (1994) 139-41
- of **Robert N. Proctor**, *VALUE-FREE SCIENCE? PURITY AND POWER IN MODERN KNOWLEDGE*, *Quarterly Review of Biology*, 68 (September 1993) 414
- of **Michael Bradley**, *MORE THAN A MYTH: THE SEARCH FOR THE MONSTER OF MUSKRAT LAKE*, *Cryptozoology*, 11 (1992) 115-16
- of **John R. Huizenga**, *COLD FUSION: THE SCIENTIFIC FIASCO OF THE CENTURY*, *Journal of Scientific Exploration*, 6 (1992) 395-400
- of **Thomas Gilovich**, *HOW WE KNOW WHAT ISN'T SO: THE FALLIBILITY OF HUMAN REASON IN EVERYDAY LIFE*, *Journal of Scientific Exploration*, 6 (1992) 190-94
- of **James P. Whitall, Jr. (ed.)**, *AMERICAN EPIGRAPHY AT THE CROSSROADS*, *Journal of Scientific Exploration*, 6 (1992) 186-90
- of **Phillip E. Johnson**, *DARWIN ON TRIAL*, in *Reviews of Creationist Books*, ed. Liz Rank Hughes (Berkeley CA: National Center for Science Education, 2nd ed., 1992) 73-78; reprinted from *Journal of Scientific Exploration*, 6 (1992) 181-86; follow-up letters from Phillip Johnson and Henry Bauer, *Journal of Scientific Exploration*, 6 (1992) 391-93
- of **Eugene F. Mallove**, *FIRE FROM ICE: SEARCHING FOR THE TRUTH BEHIND THE COLD FUSION FUROR*, *Journal of Scientific Exploration*, 6 (1992) 81-84
- of **Loren Coleman**, *TOM SLICK AND THE SEARCH FOR THE YETI*, *Cryptozoology*, 10 (1991) 100-102
- of **Lars Thomas**, *MYSTISKE DYR--EN GUIDE TIL INFORMATION OM SOSLANGER, HAVUHYRER, AFSKYELIGE SNEMAEND OG ANDET GODT* (A bibliography of works about sea-serpents, lake monsters, abominable snowmen, and others), *Cryptozoology*, 10 (1991) 81-83
- of **Frank Close**, *TOO HOT TO HANDLE: THE RACE FOR COLD FUSION*, *Journal of Scientific Exploration*, 5 (1991) 267-70
- of **Murray Sperber**, *COLLEGE SPORTS, INC.: THE ATHLETIC DEPARTMENT VS. THE UNIVERSITY*, *Spectrum* (VPI&SU), 24 January 1991, 3
- of **Ian McCausland**, *THE RELATIVITY QUESTION*, *Journal of Scientific Exploration*, 3 (1989) 217-219
- of **Charles J. Sykes**, *PROFSCAM: PROFESSORS AND THE DEMISE OF HIGHER EDUCATION*, *Spectrum* (VPI&SU), 9 February 1989, 3
- of **Robert Shapiro**, *ORIGINS--A SKEPTIC'S GUIDE TO THE CREATION OF LIFE ON EARTH*, *Journal of Scientific Exploration*, 2 (1988) 87-89
- of **H. Tristram Engelhardt, Jr., & Arthur L. Caplan (eds.)**, *SCIENTIFIC CONTROVERSIES: CASE STUDIES IN THE RESOLUTION AND CLOSURE OF DISPUTES IN SCIENCE AND TECHNOLOGY*, *Journal of the American Chemical Society*, 110 (1988) 2350-2351
- of **Curtis D. MacDougall**, *SUPERSTITION AND THE PRESS*, *Zetetic Scholar*, #12/13 (August 1987) 173-175
- Mediating science and society: a review of **Maurice Goldsmith**, *THE SCIENCE CRITIC*, *Science and Public Policy*, 14 (#2, April 1987) 113-114
- of **Joseph W. Zarzynski**, *CHAMP--BEYOND THE LEGEND*, *Cryptozoology*, 5 (1986) 95-96; also in *Zetetic Scholar*, #12/13 (August 1987) 176-177
- of **David J. Hufford**, *THE TERROR THAT COMES IN THE NIGHT*; of **Joseph W. Zarzynski**, *CHAMP--BEYOND THE LEGEND*; of **Ronald Binns**, *THE LOCH NESS MYSTERY SOLVED*; of **Steuart Campbell**, *THE LOCH NESS MONSTER: THE EVIDENCE*, *The Explorer*, 3 (#2, October 1986)
- of **Ronald Binns**, *THE LOCH NESS MYSTERY SOLVED*, *Nessletter* (ISSN 0264-7001), #70, June 1985; (briefer) *Fortean Times*, #46 (Spring 1986) 68-70
- of **Luciano Caglioti**, *THE TWO FACES OF CHEMISTRY*, *Journal of the American Chemical Society*, 107 (1985) 3001
- of **Alfred de Grazia**, *COSMIC HERETICS*, *Skeptical Inquirer*, IX (#3, Spring 1985) 284-288; "Inside the Velikovsky Affair" [commented on in volume X (Fall 1985) 92-93, by C. Leroy Ellenberger and Harry E. Mongold]



of **William Broad & Nicholas Wade**, *BETRAYERS OF THE TRUTH: FRAUD AND DECEIT IN THE HALLS OF SCIENCE*, *4S Review*, 1 (#3, Fall 1983) 17-23; "Betrayers of the truth: a fraudulent and deceitful title from the journalists of science:"

of **Immanuel Velikovsky**, *STARGAZERS AND GRAVEDIGGERS*, *Zetetic Scholar*, #11 (August 1983) 185-187

of **Patrick Grim** (ed.), *PHILOSOPHY OF SCIENCE AND THE OCCULT*, *4S Review*, 1 (#2, Summer 1983) 28-30

of **Tim Dinsdale**, *LOCHNESS MONSTER*, *Zetetic Scholar*, #10 (December 1982) 160-161

## ARTICLES IN CHEMISTRY

### REVIEW ARTICLES

- B. Breyer, F. Gutmann, & H. H. Bauer, Wechselstrompolarographie, *Oest. Chem.-Zeitung*, 57 (1956) 67-73
- H. H. Bauer, Alternating Current Polarography and Tensammetry, *J. Electroanal. Chem.*, 1 (1960) 363-78
- B. Breyer & H. H. Bauer, Elucidation of Electrode Processes by the Use of A. C. Polarography, *Rev. Polarog. (Japan)*, 8 (1960) 157-68
- B. Breyer, T. Biegler, & H. H. Bauer, Alternating Current Polarography and Electrode Processes, *Rev. Polarog. (Japan)*, 11(1963) 50-57
- B. Breyer, H. H. Bauer, J. R. Beevers, & T. Biegler, New Developments in A. C. Polarography, *Electrochemistry* (Pergamon, 1964) 292-309
- H. H. Bauer, Second-Harmonic Studies in Alternating Current Polarography, *J. Science. Ind. Res.*, 24 (1965) 372-4
- H. H. Bauer, The Electrochemical Transfer-Coefficient, *J. Electroanal. Chem.*, 16(1968) 419-32
- H. H. Bauer, P. J. Herman, & P. J. Elving, Critical Observations on the Measurement of Adsorption at Electrodes, *Modern Aspects Electrochem.*, 7 (1972) 143-97
- H. H. Bauer, Streaming Maxima in Polarography, *Electroanal. Chem.*, 8 (1975) 169-279
- H. H. Bauer, A History of Polarography and Its Place in Electrochemistry, *Selected Topics in the History of Electrochemistry*, ed. G. Dubpernell & J. H. Westbrook (The Electrochemical Society, 1978) 313-23
- Henry H. Bauer & James E. O'Reilly, Introduction to Electrochemical Methods, in *Instrumental Analysis*, ed. Henry H. Bauer, Gary D. Christian, & James E. O'Reilly (Allyn & Bacon, 1978) 1-11
- Henry H. Bauer & James E. O'Reilly, Polarography and Voltammetry, in *Instrumental Analysis*, ed. Henry H. Bauer, Gary D. Christian, & James E. O'Reilly (Allyn & Bacon, 1978) 49-92

### RESEARCH ARTICLES & NOTES

- B. Breyer, H. H. Bauer, & F. J. Radcliff, The Behaviour of Proteins in Solution, *Aust. J. Sci.*, 15 (1953) 132-3
- B. Breyer and H. H. Bauer, A Polarographic Investigation of the Binding Properties of Serum Albumin, *Aust. J. Chem.*, 6 (1952) 332-40
- B. Breyer, H. H. Bauer, & S. Hacobian, Alternating Current Polarography of Organic Compounds I. General Introduction and Theory, *Aust. J. Chem.*, 7 (1954) 305-11
- B. Breyer, H. H. Bauer, & S. Hacobian, Theory of Alternating Current Polarography II. Significance of the Heyrovsky-Illkovic Equation and its Relation to the Production of A. C. Polarographic Waves, *Aust. J. Chem.*, 8 (1955) 312- 321
- B. Breyer, H. H. Bauer, & S. Hacobian, Theory of Alternating Current Polarography III. Frequency of Alternating Field and Reaction Rate, *Aust. J. Chem.*, 8 (1955) 322-8
- B. Breyer & H. H. Bauer, Alternating Current Polarography of Organic Compounds II. Quinone and Hydroquinone, *Aust. J. Chem.*, 8 (1955) 467-71
- B. Breyer & H. H. Bauer, Alternating Current Polarography of Organic Compounds III. Chloranilic Acid, *Aust. J. Chem.*, 8 (1955) 472-9
- B. Breyer & H. H. Bauer, Alternating Current Polarography of Organic Compounds IV. Perinaphthenone, *Aust. J. Chem.*, 8 (1955) 480-4
- B. Breyer & H. H. Bauer, Alternating Current Polarography of Organic Compounds V. Quantitative Treatment of the Adsorption Process, *Aust. J. Chem.*, 9 (1956) 1-6
- B. Breyer & H. H. Bauer, A. C. Waves and D. C. Maxima, *Aust. J. Chem.*, 9(1956) 425-7
- B. Breyer & H. H. Bauer, Alternating Current Polarography of Organic Compounds VI. Further Development of the Theory, *Aust. J. Chem.*, 9 (1956) 437-442
- Henry H. Bauer & Philip J. Elving, Alternating Current Polarography--Improved Experimental Arrangement, Examination of Theory, and Study of Cadmium(II) Reduction, *Anal. Chem.*, 30 (1958) 334-341
- Henry H. Bauer & Philip J. Elving, Alternating Current Polarography--Determination of Transfer Coefficient of Electrochemical Processes, *Anal. Chem.*, 30 (1958) 341-346
- H. H. Bauer & P. J. Elving, Alternating Current Polarography: Evaluation of the Accuracy of the Data and Calculation Procedures, *Aust. J. Chem.*, 12(1959) 335-342
- H. H. Bauer & P. J. Elving, Alternating Current Polarography: Tensammetric Investigation of Adsorption Processes Utility of Phase-Angle Measurements, *Aust. J. Chem.*, 12 (1959) 343-346
- P. J. Elving, A. F. Krivis, & H. H. Bauer, Nature of the Reduction of Uranium Species in Sulphuric Acid Solution, *J. Polarog. Soc.*, 1 (1959) 38-39
- H. H. Bauer, A Generalized Equation for the A. C. Polarographic Wave, *J. Electroanal. Chem.*, 1 (1959) 2-7
- Henry H. Bauer & Philip J. Elving, The Faradaic Admittance of Electrochemical Processes I. Apparatus Suitable for Phase Angle Measurement, *J. Amer. Chem. Soc.*, 82 (1960) 2091 -2094
- Henry H. Bauer, David L. Smith, & Philip J. Elving, The Faradaic Admittance of Electrochemical Processes II. Experimental Test of the Theoretical Equations, *J. Amer. Chem Soc.*, 82 (1960) 2094-2098

- H. H. Bauer, A. C. Polarographic Analysis by Harmonics Measurements, *J. Electroanal. Chem.*, 1 (1960) 256-258
- H. H. Bauer & P. J. Elving, The Polarographic Reduction of Bi(III) in the Presence of Chloride Ion, *Electrochim. Acta*, 2 (1960) 240-247
- Henry H. Bauer & Philip J. Elving, The Faradaic Admittance of Electrochemical Processes III. The Frequency Dependence, *J. Electroanal. Chem.*, 2 (1961) 53-59
- B. Breyer, J. R. Beevers, & H. H. Bauer, A. C. Polarographic Investigation of Dismutation, *J. Electroanal. Chem.*, 2 (1961) 60-65
- H. H. Bauer, The A. C. Polarographic Wave II. Height and Shape at Low and High Frequencies, *J. Electroanal. Chem.*, 2 (1961) 66-71
- H. H. Bauer & P. B. Goodwin, Temperature Effects in Alternating Current Polarography, *Austr. J. Chem.*, 14(1961) 460-462
- B. Breyer, H. H. Bauer, & J. R. Beevers, Study of the Double Layer by A. C. Polarography, *Austr. J. Chem.*, 14 (1961) 479-486
- H. H. Bauer, Theory of Alternating Current Polarography, *Anal. Chem.*, 33 (1961)1803
- H. H. Bauer, The Reversible A. C. Polarographic Wave at Larger Amplitudes of the Alternating Voltage, *Austr. J. Chem.*, 15 (1962)13-20
- J. W. Hayes & H. H. Bauer, Interpretation of the Results Obtained with the Cambridge Univector A. C. Polarograph Unit, *J. Electroanal. Chem.*, 3 (1962) 336-347
- H. H. Bauer, The A. C. Polarographic Wave III. Amended Treatment, *J. Electroanal. Chem.*, 3(1962)150-152
- H. H. Bauer & P. B. Goodwin, Double-Layer Influence on the A. C. Polarographic Behavior of Zinc(II), *Austr. J. Chem.*, 15 (1962) 391-396
- H. H. Bauer, A. C. Polarography with Controlled Alternating Current, *Rev. Polarog.*, 11(1963) 58-61
- H. H. Bauer, T. Biegler, & D. C. S. Foo, A. C. Polarography and Reversibility: Behavior of Methyl Orange, *Bull. Chem. Soc. Japan*, 36 (1963) 1700
- H. H. Bauer & D. C. S. Foo, Alternating Current Polarography at Large Amplitudes of the Alternating Voltage, *Austr. J. Chem.*, 17 (1964) 510-515
- H. H. Bauer, Determination of Kinetic Parameters of Electrochemical Reactions by Measurement of Faradaic Distortion, *Austr. J. Chem.*, 17 (1964) 591-593
- Henry H. Bauer & David C. S. Foo, Comparison of Alternating Voltage Polarography with Alternating Current Polarography, *J. Electroanal. Chem.*, 7 (1964) 392-397
- H. H. Bauer, Theory of Faradaic Distortion: Equation for the Second-Harmonic Current, *Austr. J. Chem.*, 17 (1964) 715-726
- H. H. Bauer, Alternating Voltage Polarography, *Electrochemistry* (Pergamon, 1964) 282-291
- H. H. Bauer, D. Britz, & D. C. S. Foo, Instrumentation for A. V. Polarography, *J. Electroanal. Chem.*, 9 (1965) 481-483
- H. H. Bauer & D. C. S. Foo, Second-Harmonic Alternating Current Polarography, *Austr. J. Chem.*, 19 (1966) 1103-1115
- H. H. Bauer, Electrochemical Behaviour of Cadmium, *J. Electroanal. Chem.*, 12 (1966) 64-67
- B. Breyer & H. H. Bauer, Electrochemical Cells as Electrical Circuit Elements, *J. Electroanal. Chem.*, 12 (1966) 411-415
- Henry H. Bauer & A. K. Shallal, A Direct Electrical Measure of Adsorption on Electrodes, *Nature*, 214 (1967) 381
- D. Britz & H. H. Bauer, Impedance Measurements in Polarography: Apparatus for Accurate Wide-Frequency Work, *J. Sci. Instrum.*, 44 (1967) 843-846
- Dieter Britz & Henry H. Bauer, Determination of the Double-Layer Capacity in the Presence of a Depolarizer, *J. Electroanal. Chem.*, 16(1966) 13-19
- Henry H. Bauer, Michael S. Spritzer, & Philip J. Elving, Double-Layer Capacity at a Pyrolytic Graphite Disk Electrode, *J. Electroanal. Chem.*, 17 (1968) 299-307
- D. Britz & H. H. Bauer, Theoretical Calculation of Polarographic Solution-Resistance, *J. Electroanal. Chem.*, 18(1968) 1-4
- D. Britz & H. H. Bauer, Adsorption and Reduction of m-Nitro-phenol at the Dropping Mercury Electrode, *Electrochim. Acta*, 13 (1968) 347-359
- D. Britz & H. H. Bauer, A. C. Polarographic Base-Current Depressions Not Due to Adsorption, *J. Electroanal. Chem.*, 19 (1968) 15-22
- Henry H. Bauer, H. R. Campbell, & A. K. Shallal, Supporting- Electrolyte Effects in Tensammetry, *J. Electroanal. Chem.*, 21 (1969) 45-48
- H. H. Bauer & D. Britz, Theoretical Calculation of Polarographic Solution Resistance, *J. Electroanal. Chem.*, 23(1969)167
- H. R. Campbell, A. K. Shallal, & H. H. Bauer, Salting Effects in Several Alcohol-Electrolyte-Water Systems, *J. Chem. Engr. Data*, 15 (1970) 311-312

Henry H. Bauer & Dieter Britz, Use of a Commercial Lock-in Amplifier in Phase-Selective Second-Harmonic AC Polarography, *Chem. Instrum.*, 2 (1970) 361-362

Murray Rosen, Henry H. Bauer, & Philip J. Elving, Purification of Potassium Chloride Solutions--Voltammetric Criteria, *J. Electrochem. Soc.*, 117 (1970) 878-880

A. K. Shallal, H. H. Bauer, & D. Britz, Adsorption at Electrodes: Isotherm Parameters for Alkyl Alcohols in Various Electrolytes, *Coll. Czech. Chem. Commun.*, 36 (1971) 767-780

D. Britz, J. S. Jackson, & H. H. Bauer, A Precision Audio-Frequency Voltage Regulator, *Chem. Instrum.*, 3 (1971) 229-234

F. M. Hawkridge & H. H. Bauer, Effect of Direct Current Polarographic Maxima on Alternating Current Waves, *Anal. Chem.*, 43 (1971) 768-770

Sudarshan Lal & H. H. Bauer, Correction for Series Resistance in A. C. Polarography, *Rev. Polarog.*, 17 (1971) 21-25

A. Karim Shallal & Henry H. Bauer, Phase-Selective Fundamental and Second Harmonic Tensammetry, *Anal. Lett.*, 4 (1971) 205-217

A. S. Venkatadri, W. F. Wagner, & H. H. Bauer, Ferrate(VI) Analysis by Cyclic Voltammetry, *Anal. Chem.*, 43 (1971) 1115-1119

A. Karim Shallal & Henry H. Bauer, Desorption Potentials of Alkyl Alcohols and Specific Adsorption of Anions, *Anal. Lett.*, 4 (1971) 371-381

Fred M. Hawkridge, Jr., & Henry H. Bauer, Kinetic and Mechanistic Study of the Reduction of Copper(II) in Lithium Nitrate Using Alternating Current Polarography, *Anal. Chem.*, 44 (1972) 364-369

F. M. Hawkridge, T. W. Holt, & H. H. Bauer, Polarographic Maxima of the First Kind: Characteristics in Absence of Resistance-Controlled Currents, *Anal. Chim. Acta*, 58 (1972) 203-207

Andrew C. Plaszczyk, Ellis V. Brown, & Henry H. Bauer, Photolytic Reduction of Phenyl Quinolin-3-yl Ketone to 3-Benzylquinoline, *Chem. Commun.*, (1972) 527

H. H. Bauer, D. Britz, F. M. Hawkridge, & A. K. Shallal, Negative A. C. Polarographic Waves--Phase-Selective Polarograms, *Rev. Polarog.*, 17 (1971) 141-144

Sudarshan Lal & H. H. Bauer, Polarographic Study of Lead-Tropolone Complexation, *Anal. Lett.*, 5 (1972) 461-467

Sudarshan Lal & Henry H. Bauer, Platinum-Glass Seals for Hanging Mercury Drop Electrodes, *Rev. Polarog.*, 18 (1972) 40-43

Sudarshan Lal, Anand Kumar, & H. H. Bauer, Measurement of Solution Streaming in Polarographic Maxima of the Second Kind, *J. Electroanal. Chem.*, 42 (1973) 423-428

Sudarshan Lal, T. W. Holt, & H. H. Bauer, Influence of the Depolarizer on Polarographic Maxima of the Second Kind, *J. Electroanal. Chem.*, 42 (1973) 429-432

H. H. Bauer, Polarographic Maxima: Influence of the Nature of the Electroactive Species, *Electrochim. Acta*, 18 (1973) 355-358

H. H. Bauer, Theory of Polarographic Maxima of the First Kind, *Electrochim. Acta*, 18 (1973) 427-431

Anand Kumar & Henry H. Bauer, Polarographic Maxima: Dependence on Capillary Characteristics and Depolarizer Concentration, *J. Electroanal. Chem.*, 45 (1973) 187-191

A. S. Venkatadri, H. H. Bauer, & W. F. Wagner, Potentiostatic Anodic Synthesis of Ferrate(VI), *J. Electrochem. Soc.*, 121 (1974) 249-250

Henry H. Bauer & Mary Goebes, Polarographic Maxima of the First Kind: Influence of Electrolyte Concentration, *J. Electroanal. Chem.*, 49 (1974) 313-315

Henry H. Bauer & Mary Goebes, Polarographic Maxima of the First Kind: Specific Suppressive Effects of Alkali-Metal Cations, *J. Electroanal. Chem.*, 49 (1974) 452-455

Sudarshan Lal & Henry H. Bauer, Characteristics of a Mixed Positive Maximum, *J. Electroanal. Chem.*, 51 (1974) 319-328

Ellis V. Brown, Andrew C. Plaszczyk, Russell Isbrandt, & Henry H. Bauer, Preparation of the Isomeric Benzylquinolines, *Org. Prep. Proc. Int.*, 6 (1974) 239-242

O. Pavlovic, F. A. Monteabaro, T. Biegler, & H. H. Bauer, An Apparatus for Preparation of Solid Electrodes, *J. Phys. E: Sci. Instrum.*, 8 (1975) 82-83

Henry H. Bauer, H. Raymond Campbell, Martin Langhorst, & A. Karim Shallal, Specific Adsorption of Anions from Tensammetric Measurements, *J. Electroanal. Chem.*, 62 (1975) 193-97

D. N. Schluter, T. Biegler, E. V. Brown, & H. H. Bauer, Electrolytic Reduction of 3-Cyanoquinoline, *Electrochim. Acta*, 21 (1976) 753-756

Sudarshan Lal & Henry H. Bauer, Polarographic Maxima of the Second Kind: Dependence on Concentration, Temperature, and Time, *Anal. Lett.*, 9 (1976) 13-21

Henry H. Bauer & A. K. Shallal, Elimination of Polarographic Maxima, *J. Electroanal. Chem.*, 73 (1976) 367-368

D. N. Schluter, T. Biegler, E. V. Brown, & H. H. Bauer, Electrolytic Reduction of 3-Carboxyquinoline, *J. Electroanal. Chem.*, 75 (1977) 545-550

Martin A. Langhorst, Thomas Biegler, & Henry H. Bauer, Influence of Cation Adsorption on Tensammetric Waves, *Electrochim. Acta*, 24 (1979) 1137-1138

P. S. Jain, Sudarshan Lal, & Henry H. Bauer, Polarography and the Kucera Anomaly, *J. Electroanal. Chem.*,  
102 (1979) 425-427

## TEACHING

### **Science & Technology Studies (at VPI&SU)**

Graduate-level — “Science from the Scientist’s Viewpoint”; “Ethical Research Practice”  
Contemporary Issues in Humanities, Science, & Technology (HST 4304: varying topics, e.g. “Science in the modern world”; “Fraud in science”; “Scientific literacy”; “Ethics and the scientific method”)  
Humanities, Technology, and the Physical Sciences (HST 2354)  
Honors Colloquia: “Velikovsky: science or pseudo-science?” (1980);  
“Science or pseudo-science? Loch Ness monsters and the origin of life” (1990)

### **Chemistry (at Universities of Kentucky, Michigan, Southampton, Sydney, and at VPI&SU)**

Introductory—for science majors and for non-science majors  
Upper-level—instrumental analysis and physical chemistry  
Graduate—electrochemistry

### **Student Theses & Dissertations supervised**

(at University of Sydney, *Agricultural Chemistry*): Loo Wai Hung, B.Sc.Hons. 1962; D. C. S. Foo, M.Sc. 1965; D. Britz, Ph.D. 1966

(at University of Kentucky, *Chemistry*): A. J. Gish, M.S. 1968; A. K. H. Shallal, Ph.D. 1969; T. W. Holt, Ph.D. 1971; F. M. Hawkrige, Ph.D. 1971; A. Kumar, M.S. 1972; L. S. Yeh, M.S. 1972; C. T. Chen, M.S. 1972; M. Langhorst, M.S. 1973; J. Erlandson, M.S. 1974; P. Cranley, M.S. 1974; W. Kautek, Fulbright Fellow, 1976; V. J. Schum, M.S. 1977

## MISCELLANEOUS PROFESSIONAL SERVICE

### **Virginia Association of Scholars:**

Newsletter Editor (*Virginia Scholar*), 1993–99  
Member, Board of Directors (1993–96)

### **Society for Scientific Exploration:**

Book Review Editor (*Journal of Scientific Exploration*), 1992–97  
Councilor, 1982–1991, 1994–96  
Executive Committee, 1997–2000  
Editor-in-Chief, 2000–2007

**National Institutes of Health:** Member, Working Group on Science Education, 31 March 1995

**Smithsonian Institution:** Research Advisory Board, National Air & Space Museum, 1989–91

### CHEMISTRY:

**Reviewer, M.S. Program in Chemistry,** East Tennessee State University, March 1989

**Research support:** Department of Defense, Themis Project (1969–74: manager & principal investigator); Petroleum Research Fund (1968–71); National Science Foundation (1968–70); Water Resources Institute, University of Kentucky (1968–70); Research Corporation (1967); Australian Atomic Energy Commission (1962–65); Colonial Sugar Refining Co. (Australia) (1962–65)

**Consultantships** with Australian Atomic Energy Commission, Colonial Sugar Refining Co. (Australia), Ames Laboratories, Combustion Engineering, IBM

**Organized international conference** on “The Electrical Double-Layer”, University of Kentucky, 1970

**Served as** Vice-President, Australian Polarographic Society; Chair, American Chemical Society Section (Lexington KY); Fellowships Committee, Electrochemical Society

**Chaired sessions or presented papers** at meetings of American Chemical Society, Australian Polarographic Society, Electrochemical Society, Gordon Conferences on Electrochemistry, International Society for Electrochemistry, Mid-West Analytical Chemists Conference

**Participated in workshops** on Chemo-Computers (NSF), Bioelectrochemistry (NSF), Operation Interface (ACS)

**Seminars and colloquia outside the U.S.:** Australia (to 1965, and in 1972), Czechoslovakia (1970), England (1970, 1972–73), Germany (1958, 1970), Japan (1956, 1974), Yugoslavia (1973)

### UNIVERSITY OF KENTUCKY:

**University** Senate; University Appeals Board; University Committees on International Programs, Research Equipment, University Press, Promotion & Tenure (physical sciences & engineering), to review Departments of Chemical Engineering and Engineering Mechanics, to review Ph.D. in Communications

**College** (of Arts & Sciences) Curriculum Committee

**Chemistry Department:** Executive Committee, Search Committees, and Committees on Academic Matters, Communications, Computing, Finance, Graduate Admissions, Graduate Personnel, Graduate Program, Postdoctoral Program, Stockroom Computerization

VPI&SU:

**Dean**, College of Arts & Sciences (1978-86): University Council; U.C. Committee on Constitutional Amendment; Commission on Faculty Affairs; Building Committee; Search Committee for University Provost; College Personnel Committee; Search Committees for Directors and Associate and Assistant Deans

**University** Faculty Book Publishing Committee (chair), 1987-91

**Center for the Study of Science in Society**. Convenor, Thursday Luncheon Seminars, 1986-91

**Science & Technology Studies Graduate Program**. Graduate Program Committee, 1995-96

**Chemistry Department**. Seminar Committee (1986-87); Undergraduate Committee (1987-90);

**History Department**: Ad Hoc Promotion-&-Tenure Advisory Committee, 1989

## REVIEWS OF BOOKS BY HENRY BAUER

Reviews of **DOGMATISM IN SCIENCE AND MEDICINE** are available in full at  
<http://henrybauer.homestead.com/Dogmatism-Reviews.html>

Reviews of **THE ORIGIN, PERSISTENCE AND FAILINGS OF HIV/AIDS THEORY** are available in full at  
<http://failingsofhivaidstheory.homestead.com/Reviews.html>

### Reviews of **SCIENCE OR PSEUDOSCIENCE: MAGNETIC HEALING, PSYCHIC PHENOMENA, AND OTHER HETERODOXIES —**

**British Journal for the History of Science**, 2002, 35: 101–103, Alex Dolby; **Choice**, September 2001, 39: 01, E. B. Hazard; **CSICOP** ([www.csicop.org/bib/611](http://www.csicop.org/bib/611)), Taner Edis; **Hieronimus & Co. Journal**, 2001, #22 (<http://www.destinationspace.net>); **Infinite Energy**, 2001, 40: 57–59; **Isis**, 2001, 92(4): 815–816, Stephen P. Weldon; **Journal of Folklore Research**, 21 November 2003, Renata Soukand (<http://iup.journals.org/folklore/book/bauer.html>); **Journal of Nervous and Mental Disease**, 192 (#9, September 2004) 638–639, Michael G. Kenny; **Journal of Scientific Exploration**, 2003, 17: 574–580, Ullica Segerstrale; **New Scientist**, 2001, 17 March, 52, Roy Herbert, “True or false?”; **Popmatters Books**, <http://www.popmatters.com/books/reviews/science-or-pseudoscience.html>, Mark Dionne; **Science Frontiers**, 2002, #139, January–February, William Corliss; **Science Books & Films**, 2001, October, Russell F. Trimble; **SciTech Book News**, 2001, September, 20; **TechDirections**, 21 August 2001, Tom Bowden; **Today's Books—Best Reads**, 6 August 2001  
(WorldCat, 2015, lists 452 libraries holding a copy)

### Reviews of **SCIENTIFIC LITERACY AND THE MYTH OF THE SCIENTIFIC METHOD —**

**Atlantis Rising**, #9, 1996, 43–45, Joseph Ray, “The scars of scientific misconception – Two thoughtful new books illumine the potential pitfalls”; **Australian Library Review**, August 1993, John Weckert; **Book News** (Portland, OR), April 1, 1992; **Choice**, October 1992, 319, J. Maienschein; **Chronicle of Higher Education**, 8 April 1992, B7, Quotable; **CSICOP** ([www.csicop.org/bib/472](http://www.csicop.org/bib/472)), Michael D. Sofka; **Exceptional Human Experience**, 13 (#1, June 1995) 113 (#06656), R.A.W. (“Scholarly Reviews”); **Higher Education Review**, 26 (#2, Spring 1994) 76–78, Paul Alper, Literacy, method and myth; **JAMA**, 269 #14 (14 April 1993) 1868–69, Fred R. Abrams; **Journal of Communication**, 44 #1, Winter 1994, 65–72, L. David Ritchie, Objectivity, doubt and the two cultures (3 other books included in review); **Journal of Scientific Exploration**, 6 (1992): 295–97, Ian Stevenson; **Library Quarterly**, 63 #1 (1993) 117–18, C. D. Hurt; **Metascience**, New Series, Issue Two, 1992, 31–34, Bruce V. Lewenstein, The perils of scientific literacy; **Nature**, 6 August 1992, 358:464, John W. Galloway, Madness to the method; **Newsweek**, 18 May 1992, **FOCUS**, 7, Sharon Begley, Airing out the laboratory; **International Ed.**, 25 May, 51; **Japanese Ed.**, 18 June, 49; **Probe**, II #1 (1 November 1992) 2–3, Seeing science in a fresh light may make it more fun; **Public Understanding of Science**, 2 (1993) 179–80, John Ziman; **Publishers Weekly**, 27 January 1992, 83; **Quadrant** (Australia), November 1993, 88, Sev Sternhell, How science really works; **Science**, 15 May 1992, 256:1034–36, David L. Goodstein, Rangings of the mind; **Science Books & Films**, October 1992, 197, Marilyn Lisowski; **Science Teacher**, 60 #3 (March 1993) 86, Robert E. Yager; **Zeitschrift für Parapsychologie und Grenzgebiete der Psychologie**, 35 (#3/4 1993) 239–45  
(WorldCat, 2015 lists 814 libraries holding one of the editions)

### Reviews of **TO RISE ABOVE PRINCIPLE —**

**Academe**, January–February 1989, 43–44, Jerome L. Rosenberg; **American Scholar**, 59 (#3, Summer 1990) 435–45, Eugen Weber, Reflections on the deaning trade; **Booklist**, 15 April 1988, 1375, PM; **The Book Reader**, September–October 1988, 2; **Champaign-Urbana News-Gazette Weekend**, 10 June 1988, J. Philip Bloomer, Necessary, not important; **Chemical & Engineering News**, 1 January 1990, 56, K. M. Reese, Ex-dean reveals self as author of memoirs; **Chronicle of Higher Education**, 14 June 1989, A13, & 22 November 1989, A11; **Clarion**, October 1988, Joan Baum; **College & Research Libraries**, 50 (#2, March 1989) 261–263, Edward G. Holley, Deaning in Academe; **Higher Education**, 18 (1989) 361–62, Philip G. Altbach; **Higher Education Review**, 26 (Summer 1994) 65–69, Paul Alper, Rising above principle; **Hollins Critic**, XXVII (no.1, February 1990) 11, Bridget Puzon; **Journal of Higher Education**, 61 (#4, July/August 1990) 475–7, Joseph F. Kauffman; **Library Journal**, 1 May 1989, Annelie R. Huggins; **Publishers Weekly**, 8 April 1988, 84; **Quadrant** (Australia), May 1989, 68–69, Sev Sternhell, The Dean's December; **Spectrum** (VPI&SU), 30 November 1989, 2, Sally Harris, Pseudonymous author Tech professor; **University Bookman**, XXXI (#2, 1991) 21–23, John S. Reist, Tact as tactic: Deaning amongst diversity; **Voice Literary Supplement**, May 1988, 30, A good read  
(WorldCat, 2015, lists 400 libraries holding a copy)



Reviews of **THE ENIGMA OF LOCH NESS** —

**American Rationalist**, 32 (1987) 44, Gordon Stein; **Appalachian News** (Marion VA), 24 September 1986, 3; **Atlantic**, February 1987, 94; **Atlantic City (NJ) Sunday Press**, 15 February 1987, D11, William McMahon, Study takes a dip into Loch Ness in search of the famed 'Monster'; **Bloomsbury Review**, January/February 1987; **Book & Magazine Collector**, #110 (May 1993) 60-69, Richard Dalby, Collecting Loch Ness Monster books (see p.68); **Booklist**, 83 (1 October 1986) 169; **Champ Channels**, 4 (#3, 1986) 3; **Choice**, March 1987, 1087, D. W. Larson; **Cryptozoology**, 7 (1988) 94-95, Robert H. Rines; **Explorer**, Spring 1987, 12, Jo Ann Coburn; **Fate**, 40 (February 1987) 99-105, Jerome Clark, Ness sense and nonsense; **The Gate**, 2 (April 1987) 13, George W. Early; **The Good Book Guide**, 41 (March-April 1989) 16; **Good Books for the Curious Traveler: Europe**, Theodora Nelson & Andrea Gross, Boulder (CO): Johnson Books, 1989, 58-59; **Grinnell Herald-Register**, 29 December 1986, 5, Karl Oldberg; **Isis**, 79: 1: 296 (1988) 145-146, Ron Westrum; **Kirkus Reviews**, 54 (15 September 1986) 1412; **Library Journal**, 15 November 1986, 105, Laurie Tynan; **Myrtle Beach (SC) Sun News**, 19 April 1987, Rod Gragg, Both sides of monster 'Nessie'; **Princeton Packet (TIME OFF)**, 12 November 1986, 36, Richard D. Smith, Velikovsky and Loch Ness: what is science?; **Roanoke (VA) Times & World-News**, 5 February 1987, C4, Seth Williamson, Bauer examines Loch Ness Monster controversy, and C1, Jeff DeBell, Nessie believer; **Science Books & Films**, May/June 1987, 304, Theodore C. Byerly; **SciTech Book News**, April 1987, 16; **Skeptical Inquirer**, 11 (Spring 1987) 293-296, Edward Kelly, A too willing suspension of disbelief; **Snowy Egret**, Spring 1987, 36; **TDC (The Discovery Channel)**, April 1989, 26-29, Alex Heard, My favorite monster; **Wilson Library Bulletin**, February 1987, 70, Stephanie Martin; **Zetetic Scholar**, 12/13 (August 1987) 179  
(WorldCat, 2015, lists 816 libraries holding one of the editions)

Reviews of **BEYOND VELIKOVSKY** —

**American Rationalist**, 30 (#3, September-October 1985) 53-54, Gordon Stein; **American Studies**, XXVII (August 1986) 143, Stephen G. Brush; **Booklist**, 1 December 1984, 466; **Choice**, June 1985, 1518, H. Eichhorn; **Chronicles**, March 1986, 10-12; **CSICOP** ([www.csicop.org/bib/38](http://www.csicop.org/bib/38)); **The Explorer**, 2 (#1, January 1985), H. E. Puthoff; **Fate**, 38 (June 1985) 97-102, Jerome Clark, Velikovsky in retrospect [see also 'Worlds in Collision', 39 (December 1986) 102]; **The Gate**, October 1986, 6-7, George W. Early; **Isis**, 76 (#3, 1985) 428-429, Robert W. Smith; **Journal of the History of Astronomy**, XVIII (1987) 72-74, Donald W. Goldsmith; **Key Reporter**, 52 (#1, Autumn 1986) 4, Russell B. Stevens; **Nature**, 315 (25 April 1985) 692-693, Owen Gingerich, On trans-scientific turf; **New Technical Books** (N.Y. Public Library), 71 (#7, July 1986) 570, J.S.L.; **The Observatory**, III (#1101, April 1991) 88, P. J. Andrews; **Philadelphia Inquirer**, 11 August 1985, 6, Carl Maugeri, The passionate dispute over a scientific heretic; **Physics Education**, August 1986, Richard Palmer, History, philosophy and physicists; **Princeton Packet (TIME OFF)**, 12 November 1986, 36, Richard D. Smith, Velikovsky and Loch Ness: what is science?; **Quarterly Journal of Speech**, 72 (#2, May 1986) 226-229, Trevor Melia; **Science**, 228 (14 June 1985) 1304-1305, John W. Patterson, Lessons of a controversy; **Science Frontiers**, 41 (September-October 1985), William Corliss; **SciTech Book News**, 9 (#3, March 1985) 6; **Skeptical Inquirer**, 9 (Summer 1985) 319-322, Martin Gardner, Welcome to the debunking club (comment by C. Leroy Ellenberger, 10, Summer 1986, 380-81; also p.375, 'Some Recent Books'); **Social Psychology of Science Newsletter**, March 1985, 7; **Zetetic Scholar** 12/13 (August 1987) 179  
(WorldCat, 2015, lists 496 libraries holding one of the editions)

REVIEWS OF **ELECTRODICS - MODERN IDEAS CONCERNING ELECTRODE REACTIONS** ----

**Anal.Chem.** 45(1973)no.11; **Chem.-Inq.-Technik** (1973)no.12; **Chem.Listy** (1973)no.7; **ChemWeekblad** (Hague) (1973)no.1; **Chimia** (1973)no.9; **Choice** (Chemistry) (1974)no.2; **J.Amer.Chem.Soc.** 96(1974)325; **Neue Bücher im Ausland** (Moscow) (1973)no.7; **Przemysl Chem.** (1974)no.2; **Wiadomoxci Chem.** (1974)no.2  
(WorldCat, 2015, lists 250 libraries holding this)

Reviews of **ALTERNATING CURRENT POLAROGRAPHY AND TENSAMMETRY** —

**J.Amer.Chem.Soc.** 86(1964)3181; **Science** 142(1963)1450; **Rec.Chem.Progress** 25(1964)127; **J.Chem.Ed.** 41(1964)A530; **J.Electrochem.Soc.** 111(1964)15C; **Trans.Faraday Soc.** 60(1964)1888; **Bull.Soc..Chim.France** (1964)1650; **Proc.Royal Austral.Chem.Inst.** (1964)320; **Electroanal.Abstracts** 2(1964)311; **Anal.Chim.Acta** 32(1965)98; **Analyst** 90(1965)60; **Kolloid-Z** 199(1964)72; **Deutsche Literaturzeitung** 87(1966)175; **J.Amer.OTI Chemists Soc.** (1965)558A; **Amer.Scientist** 52(1964)304A; **Chem..Listy** 58(1964)1186; **Chem. Zvesti** 18(1964)465; **La Chimica e l'Industria** 47(1965)130  
(WorldCat, 2015, lists 382 libraries holding this)

ABOUT LOCH NESS  
popular & scholarly talks & radio & TV interviews  
*"Honi soit qui mal y pense"*

- 2011-15, 2017: New School Yellow Room (2<sup>nd</sup> grade)  
2010: Symposium, North Cross School, Roanoke VA (February 12)  
2009: Symposium, North Cross School, Roanoke VA (February 5)  
2008: New School Yellow Room (2<sup>nd</sup> grade) (17 December)  
2004: Children's Garden pre-school, Blacksburg (grandson Eli's kindergarten)  
2003: Lion's Club, Blacksburg  
2001: Symposium, North Cross School, Roanoke VA (April 26)  
    Warm Hearth Retirement Community (February 10)  
    Christiansburg (VA) Elementary School (January 19)  
2000: Coast-to-Coast (Mike Siegel--Art Bell Show), (12 December)  
    Christiansburg (VA) Elementary School (Spring)  
    YMCA (Cranwell International House, Blacksburg) (28 September)  
1999: Christiansburg (VA) Elementary School  
1998: Christiansburg (VA) Elementary School  
1997: Christiansburg (VA) Elementary School (16 December)  
    Cave Springs Junior High (Roanoke, VA) (20 November)  
1996: Christiansburg (VA) Elementary School (15 November)  
1995: Christiansburg (VA) Elementary School (1 November)  
    Christiansburg (VA) Elementary School (10 April)  
    Graduate Seminar, Psychology (Prof. Prestrude) , VPI&SU (27 March)  
    Study Abroad Program, VPI&SU (March 20)  
1994: Symposium, North Cross School, Roanoke VA (April 29)  
    Study Abroad students, Virginia Tech (March 21)  
    Golden Key Honor Society, Virginia Tech (January 31)  
1993: Christiansburg (VA) Elementary School (December 13)  
    Symposium, North Cross School, Roanoke VA (April 30)  
    Honors Biology (Prof. Buikema's course), VPI&SU (March 29)  
    Study Abroad Program, VPI&SU (March 15)  
    Brodie Hall, VPI&SU (February 4)  
1992: Symposium, North Cross School, Roanoke VA (May)  
    Study Abroad Program, VPI&SU (April)  
    Shanks Residence Hall, VPI&SU (April)  
1991: Major Williams Residence Hall, VPI&SU (September)  
1990: Montgomery County VA After-School Program (October)  
    Margaret Beeks Elementary School, Blacksburg VA (June)  
1989: Wytheville Community College, Wytheville VA (October)  
1988: Nightside with Barry Bennett, KFRU, Columbia MO (December)  
    Big Island Elementary School, Lynchburg VA (December)  
    Archaeus Project, Bakken Library & Museum, Minneapolis MN (November)  
    Department of History of Medicine & Science, University of Western Ontario, London, Canada  
    (November)  
    Blacksburg VA Middle School (May)  
    International Club, Cranwell Center, VPI&SU (March)  
    Dr. Bob Hieronymus Show, WFBR, Baltimore MD (February)  
1987: Andrew Lewis Middle School, Salem VA (December)  
    Pulaski VA High School (December)  
    Blacksburg VA Middle School (November & June)  
    James River Day School, Lynchburg VA (November)  
    6th Annual Meeting, Society for Scientific Exploration, Austin TX (May)  
    Alleghany Highlands Schools, Covington VA (March)  
    Jim Althoss Show, King Radio 1090, Seattle WA (February)  
    Radio WMS, Norfolk VA (January)  
    American Chemical Society, Virginia Section, Randolph-Macon College (January; see *Richmond VA News-Leader*, January 17; *Petersburg VA Progress-Index & Montgomery County VA News-Messenger*, January 18; *Ashland VA Herald-Progress*, January 21)  
    WVTF, Roanoke VA (January)

- 1986: Institute of Electrical and Electronic Engineers, Virginia Mountain Section, Salem VA (November)  
WRAD 1460, Radford VA (November)  
Andrew Lewis Middle School, Salem VA (October & April)  
K92 FM, Roanoke VA (September)  
Philosophy Club, VPI&SU (May)
- 1984: University of Virginia Biological Station, Mt. Lake VA (August)  
Virginia Academy of Science (Sidney S. Negus Memorial Lecture), Richmond VA (May)
- 1983: South-West Virginia Medical Association, Women's Auxiliary, Blacksburg VA (May)  
TV Channel 7, Roanoke VA (April)
- 1982: Popular Culture Association, Louisville VA (April)  
Reynolds Homestead Continuing Education Center, Critz VA (March)
- 1980: Provost's Conversazione, VPI&SU, Blacksburg VA (October)
- 1979: Mensa, Charlotte/Blue-Ridge chapter, Charlotte NC (December)  
Association for Gifted Children, Blacksburg VA (May)  
Engineering Faculty Association, VPI&SU, Blacksburg VA (April)
- 1978: Alpha Psi, Phi Sigma chapter, Blacksburg VA (December)  
Sigma Xi, Blacksburg VA (October)  
Margaret King Library Association, Lexington KY (April)
- 1977: Torch Club, Lexington KY (November)  
East Tennessee State University, Johnson City TN (May)  
American Chemical Society, University of Oklahoma Section, Norman OK (May)  
Berea College, Berea KY (April)  
Glassblowers' Convention, Lexington KY (April)  
Southern Junior High School, Lexington KY (March)
- 1976: Transylvania University, Lexington KY (October)  
American Chemical Society Student Affiliates (South-East), University of Southern Mississippi,  
Hattiesburg MS (April)  
Special Libraries Association, Berea KY (April)  
2nd Presbyterian Church, Lexington KY (January)  
TV Channel 11, Louisville KY (January)
- 1975: TV Channel 3, Louisville KY (December)  
TV Channel 18, Lexington KY (December)  
Sayre School, Lexington KY (November)  
Southern Junior High School, Lexington KY (November)  
Lafayette High School, Lexington KY (March)
- 1974: Project Jonah Seminar, Tokyo, Japan (June)  
Rikagaku Kenkyusho (RIKEN: Institute for Chemistry & Physics), Tokyo, Japan (June)  
American Chemical Society Section, Lexington KY (April)  
Thomas Jefferson Unitarian Church, Louisville KY (April)  
Maxwell St. Presbyterian Church, Lexington KY (March)  
Glendover Elementary School, Lexington KY (February)
- 1973: Breakfast Optimists Club, Lexington KY (November)  
Junior Optimists Club, Lexington KY (November)