

CURRICULUM VITA OF ROBERT HAHN

September 2021

I. PERSONAL

A. Present University Department: Philosophy.

II. EDUCATION

Ph.D., Philosophy, Yale University, May 1976.

M. Phil., Philosophy, Yale University, May 1976.

M.A., Philosophy, Yale University, December 1975.

B.A., Philosophy, Union College, *Summa cum laude*, June 1973,
Honors in Philosophy

1st year Graduate Study, Department of Philosophy and Classics,
The University of California at Berkeley, 1973-74

Summer Intensive Workshop in Ancient Greek, The University of
California at Berkeley, 1973.

Summer Intensive Workshop in Sanskrit, The University of Chicago,
1972.

III. PROFESSIONAL EXPERIENCE

2002-present	Professor of Philosophy, Southern Illinois University at Carbondale
1988-2001	Associate Professor of Philosophy, Southern Illinois University at Carbondale.
1982-1987	Assistant Professor of Philosophy, Southern Illinois University at Carbondale.
1981-1982	Assistant Professor of Philosophy, Denison University.
1978-1981	Assistant Professor of Philosophy and the History of Ideas, Brandeis University.
1979-1981	Assistant Professor, Harvard University, Extension.
1980 (Spring)	Visiting Professor, The American College of Greece (Deree College), Athens, Greece.
1980 (Summer)	Visiting Professor, The University of Maryland: European Division, Athens, Greece (The United States Air Force #7206 Air Base Group).
1977-1978	Assistant Professor of Philosophy, The University of Texas, Arlington.
1977 (Spring)	Lecturer in Philosophy, Yale University.

1976 (Fall) Postdoctoral Research Fellow in Philosophy, The University of California at Berkeley.

IV. TEACHING EXPERIENCE

A. Teaching Interests and Specialties:

Ancient Greek Philosophy, History of Philosophy, History/Philosophy of Science, Logic, Ethics, Kant, Aristotle, Ancient Egyptian and Greek Architecture and Building Technology, Ancient Geometry and Mathematics.

B. Teaching and Training Grants:

Summer Research Grant in Curriculum Development, "Video-Taped Series for Enhanced Teaching Effectiveness of Introductory Logic in the Core Curriculum," Southern Illinois University, 1997

Awarded an Undergraduate Teaching Fellowship to develop an interdisciplinary, multimedia program on the origins of philosophy in the Ancient Greek world, Southern Illinois University, Summer 1984.

C. Teaching Awards and Honors:

2004 *Who's Who Among American Teachers*

2003 *The Contemporary Who's Who*

2000 *Outstanding Scholars of the 21st Century* [International Biographical Center, Cambridge]

Honorary Member, National Classics Honor Society, 1999.

1993 Outstanding Educator in the University.

1993 Outstanding Teacher in the College of Liberal Arts.

Ph.D/M.A. Academic Awards Received:

Yale University Fellowships, 1974-76.

Mary Kady Tew Prize in Philosophy, Yale University, 1974-75 (for the top-ranked first-year graduate student).

Jacob Cooper Prize in Greek Philosophy, Yale University, 1974-75, for the dissertation: "*Did Plato 'Schematize' the Forms?: Structure, Value, and Time in the Later Dialectical Dialogues.*"

First-Year Graduate Study in Philosophy and Classics, The University of California at Berkeley, 1973-74.

B.A. Academic Awards Received:
Summa cum laude.
Honors in Philosophy.
Phi Beta Kappa.
New York State Regent's Scholar.
Archibald Scholar, 1972-73.
Valedictorian in the College of Liberal Arts.
Larabee Prize in Philosophy, 1972-73.

D. Current Graduate Faculty Status: I

E. Number of Master's and Doctoral Committees on which I have served: 26.

F. Names of Students who have completed Masters Theses and Doctoral Dissertations under my Direction:

Ph.D. Dissertations:

Robert Higginson

William Eaton

Maria Sanders

John Weyls

Dissertations in Progress:

Kevin Cales

M.A. Theses:

Brian Luce

External Examiner for a dissertation in the Department of Philosophy at York University in Toronto, Canada, 18 July 2011: *SOUL-SHAPING: SPATIAL METAPHORS IN THE DEVELOPMENT OF SUBJECTIVITY IN PLATO* [CLEO BRADSHAW]

V. UNIVERSITY SERVICE

A. Departmental Committees:

Grievance Committee, 1982-83, 1985-90, 2014-2017

Graduate Placement Committee, 1982-93, 2005-2007.

Colloquium Committee, 1983-85, 1991-93, 1995-2013.

Undergraduate Committee, 1985, 1996-97, 2013-

Nominating Committee, 1991-93, 2014-2017
Research Committee, 1996-97, 2001-2009.
Curriculum Committee, 1996-97.
Philosophical Collaborations Conference: Program Director, 1993-2019
Graduate Council, Fall 2008, Fall 2015, Fall 2016

- B. College and University Committees and Councils:
College of Liberal Arts Council, 1983-84, 1985-86.
Graduate Council, Spring 1999.
College of Liberal Arts Council, 2000-2001, 2001-2002
Vice-Chair of the Council, 2002
Graduate Council, Fall 2008
College of Liberal Arts:
Promotion and Tenure Committee, 2011, 2012, 2019
Graduate Council, Fall 2008, Fall 2015, Fall 2016

- C. Other:

ANCIENT LEGACIES, Travel-Study Programs to Greece and Egypt:
Program Director: 1983-2020.
63 separate programs enrolling more than 1200 people.

President, Illinois Beta Society, 1992-1993.
Vice President, Illinois Beta Society, 1991-1992.
Secretary-Treasurer, Illinois Beta Society, 1990-1991.

VI. PROFESSIONAL SERVICE

- A. Membership in Professional Associations:
American Philosophical Association (Western Division).
American Philological Association.
American Institute of Archaeology.
Society for Ancient Greek Philosophy.
North American Kant Society.
Southwest Philosophical Association.
Illinois Philosophical Society.
- B. Offices Held and Honors Awarded in Professional Associations:
New Mexico-West Texas Philosophical Society:

President, 1984-85; Vice President, 1983-84.

C. Consultantships:

Editorial Board, *Dia-Noesis*, *A Journal of Philosophy*, published by Aristotle University in Thessaloniki and the university of Athens, Greece

External Reviewer for the Philosophy Department Program, University of Missouri at St. Louis, 1989-2004.

External Referee for the Program in Philosophy, Science and Technology, Worcester Polytechnic Institute, 1991-1992.

D. Evaluation of Manuscripts for Journals and Book Publishers and of Grant Proposals for Agencies:

Manuscript Evaluator, State University of New York Press, 1996-2000

Manuscript Evaluator, Routledge, Kegan, and Paul Publishers, 1986, 1987, 1989, 1995.

Manuscript Evaluator, *Ancient Philosophy*, a semi-annual journal published by the Department of Philosophy, Duquesne University, Pittsburgh, PA., 1995.

Manuscript Evaluator, *Apeiron*, the Canadian Journal for Ancient Philosophy, published by the Department of Philosophy, University of Alberta, Edmonton, Canada, 1995.

Manuscript Evaluator, *Ethics, Values, and Virtues*, West Educational Publishing, 1995.

Manuscript Evaluator, *Introduction to Philosophy*, editors J. Perry and M. Bratman, Oxford University Press, 1995.

Manuscript Evaluator for *The Australian Journal of Philosophy*, 2002.

Manuscript Evaluator for *Southwest Philosophical Studies*, 2011

Manuscript Evaluator for *Bristol Classical Press*, 2012

Editorial Board, *Dia-noesis: A Journal of Philosophy*, published by the University of Thessaloniki, GREECE

Manuscript Evaluator, *Journal of Hellenic Studies*

Manuscript Evaluator, *Ancient Philosophy*

Manuscript Evaluator, *Classical Quarterly*

Manuscript Evaluator, *Springer Verlag*

Manuscript Evaluator, *APEIRON, A Journal for Ancient Philosophy and Science*

E. Papers and Presentations at Professional Meetings:

- "Necessity', 'Objectivity', and the Structure of Transcendental Arguments in Kant's First and Second Critiques," contributed paper, New Mexico-West Texas Philosophical Association, Annual Meeting at the University of Texas at El Paso, April 16, 1978.
- "Why is There Nothing Rather than Things which Exist?: An Explanation of the Doctrine of Non-Being in Plato's Timaeus and in the Writings of the Lao-Tzu and Chuang-Tzu," contributed paper, the International Society for Chinese Philosophy, Annual Meeting, Fairfield University, May 29-June 4, 1978.
- "Aristotle as Ontologist or Theologian: Or, Attempting to Resolve the Apparently Conflicting Doctrines of Being in the Metaphysics," contributed paper, the Fortieth Annual Meeting of the Southwest Philosophical Society, Lawrence, Kansas, November 9-11, 1978.
- "Truth (Aletheia) in the Context of Heidegger's Critique of Plato and the Tradition," contributed paper, New Mexico-West Texas Philosophical Association, Annual Meeting at the University of Chihuahua, Mexico, April 6-8, 1979.
- "Plato and the Paradox of Self-Knowledge," invited paper, The Greater Boston Colloquium for Ancient Philosophy, Brandeis University, March 8, 1979.
- "The Origins of Self-Consciousness as a Social Phenomenon," invited paper, Presidential Address, The New Mexico-West Texas Philosophical Association, Cloudcroft, New Mexico, April 13, 1985.
- "Kant's Newtonian Revolution in Philosophy," selected paper, Illinois Philosophical Association, Annual Meeting, November 13, 1987.
- "The Role of Technology in the Emergence of Early Greek Science," selected paper, Twelfth Annual Interface Conference: Technology and the Humanities, October 27, 1988, Atlanta, Georgia.
- "The Status of Women in Plato's Republic," (commentator), North American Society for Ancient Greek Political Philosophy, August 30, 1989.
- "Why is Anaximander's Earth at Rest?" selected refereed paper for Interface Conference: Thirteenth Annual Interface Conference: Technology and the Humanities, October 18, 1990.
- "Anaximander and the Architect/Engineers," selected refereed paper for the Annual Meeting of the Society for Philosophy and

Technology, University of Mayaguez, Puerto Rico, March 7-10, 1991.

- “An Interdisciplinary, Team-Taught, and First-Hand Experience Approach to Teaching Ancient Greek Philosophy in Greece,” selected paper, 9th International Workshop-Conference on Teaching Philosophy, August 7-10, 1992, University of Vermont
- "Anaximander and the Architects," invited paper for the annual meeting of the Society for Greek Philosophy at the American Philological Association, New Orleans, LA, December 28, 1992.
- "Re-Thinking the Origins of Philosophy: Technology in its Socio-Political Context," invited paper, The 15th Annual Meeting of the Society for Ancient and Medieval Philosophy, State University of New York, Binghamton, NY, October 26, 1996.
- “Cosmos and Imagination in Hesiod,” The 16th Annual Meeting of the Society for Ancient and Medieval Philosophy, State University of New York at Binghamton, October 22, 1997.
- “Kant on Sensible Signs,” (commentator), Illinois Philosophical Association, annual meeting, 2 November 2001.
- “Archaeology and Anaximander’s Cosmos,” Classical Association of Mid-Western States Society (CAMWS), St. Louis, 20 October 2003.
- “Can the Archaeologist Find Anaximander’s Sundial?” Classical Association of Mid-Western States Society (CAMWS), 31 March 2005. University of Wisconsin, Madison.
- “Did Aristotle have the Origins of Philosophy Wrong?” Society for Ancient Greek Philosophy, Fordham University, 18 Oct 2009.
- “Did Pythagoras ‘Discover’ or ‘Prove’ the Pythagorean Theorem?” 25 May 2011, presented to the seminar on Ancient Greek Philosophy, University of Athens, Greece.
- “Is Pythagoras Connected to the ‘Pythagorean Theorem’?” Presented to the Society for Ancient Greek Philosophy, Saturday 22 October 2011, Fordham University, NYC.
- “Aristotle, Anaximenes, & Felting: Some Reflections on Material Monism.” Illinois Classics Association, University of Illinois Champaign-Urbana, 9 October 2011
- “What is the Metaphysical Meaning of the Pythagorean Theorem?” Illinois Classics Association, University of Chicago, 7 October 2012
- “Did Thales know the ‘Pythagorean Theorem?’ Illinois Classics Association, Monmouth College, 3 October 2015.

“Did Aristotle Get the Origins of Philosophy Wrong? Miami University, 24 September 2021

“Why Thales Knew the Pythagorean Theorem”

Keynote Address, Ancient Science Conference, University of London, 16 February 2015.

“Thales, Pythagoras, and the Pythagorean Theorem?”

Illinois Classics Conference, Monmouth College, Monmouth, Illinois, 3 October 2015

“Milesian Monism and the Felting of Wool,” Ancient Science Conference, University of London, 14 February 2016

“Did Aristotle get the Origins of Philosophy Wrong?”

Aristotle’s 2500th Birthday Conference, University of Thessaloniki, Greece

“An Interdisciplinary Approach to Early Greek Philosophy: How Archaeology, Architecture, and Anthropology are Philosophically Relevant.” *Ex Ionia Scientia*: ‘Knowledge’ in Archaic Greece, an international conference, Athens, Greece 11 December 2016.

-“Why Thales knew the Pythagorean Theorem,” *Ex Ionia Scientia*: ‘Knowledge’ in Archaic Greece, an international conference, Athens, Greece 11 December 2016.

-Invited Keynote: “How Archaeology Can Illuminate the Ideas of the Greek Philosophers, Why “Material Culture” matters to our Understanding of Philosophical Ideas,” 3 March 2017, University of South Florida

-Invited Keynote Address, University College London

"Accounting for the Origins of Greek Philosophy/Science in its Historical, Cultural, Technological Contexts: The Importance of Material Dimensions. 12 February 2019

-Were the Earliest Philosophers Source and Substance Monists?" (Co-Authored with Chava Hahn, 6 April 2019, New Mexico Texas Philosophical Society, San Antonio Texas “)

-Invited scholar for Video Program: *Unearthed: Secrets of the Seven Wonders of the Ancient World* [Science channel]. Filmed at Re-Construction of the Athenian Parthenon in Nashville, TN April 2019 [released January 2020].

-Invited Keynote: “The Metaphysics of Modular Thinking: Architecture, Geometry, the Felting of Wool, and the Origins of Greek Philosophy”. SOPHISTICAL CONFERENCE #3, Technische Universität Wien, 14 November 2019

F. Other:

Founder and Coordinator for the *Boston Area Colloquium for Ancient Philosophy*, 1978-79; Director, 1978-79, 1980-81.

Commentator, the American Philosophical Association, The Greek Philosophy Meeting: The Craft Analogy in Plato's Republic-- Is Virtue a Craft? December 29, 1979.

Director, Interdisciplinary Seminars in Ancient Greek and Egyptian Civilizations, Southern Illinois University at Carbondale, 1983-2009.

Founder and Coordinator of annual *Philosophical Collaborations* conference, 1993-2019; Commentator, 1997, 1999. Presenter 2008

Invited Lectures:

"ΝΟΥΣ, ΓΕΝΟΥΣΤΗΣ, and the Ontology of *Philebus* 23C-31A," invited paper at the Texas Regional Meeting for Greek Philosophy, The University of Texas at Austin, February 10-11, 1978.

"Schematism and the Continuity of Experience in Kant and Plato," invited public lecture, Department of Philosophy, Boston University, February 21, 1978.

"Plato and Aristotle on the Four-Fold: Or, Why Aristotle was NOT an Aristotelian and Plato NOT a Platonist," invited paper, Department of Philosophy Boston University, February 22, 1978.

"Being and Form in Plato and Aristotle," invited paper, Department of Philosophy and the History of Ideas, Brandeis University, February 23, 1978.

"Plato's Resolution to the Third-Man Argument: Or Is Two Company But Three a Crowd?" invited paper, Department of Philosophy, Denison University, February 27, 1978.

"ΕΞΕΙΥ ΜΕΤΕΞΕΙΥ, and the Doctrine of 'Participation' in Plato's Third-Man Arguments," invited paper, Department of Philosophy, Swarthmore College, April 8, 1980.

"Identity and the Law of Non-Contradiction in Plato's Parmenides," invited paper, Department of Philosophy, University of Miami, May 6, 1980.

- "Plato and Aristotle in the Context of the Middle Ages," invited paper, the Pennsylvania State University, November 5, 1979.
- "The Idea of History and the Problem of Being in Aristotle's 'Ontology'," invited paper, Denison University, February 15, 1981.
- "Is the World Connected?: Zeno's Paradoxes and Quantum Mechanics," invited paper, The University of Texas at Dallas, October 23, 1981.
- "Knowledge and Death in Plato's *Theaetetus*," invited paper, Texas Christian University, Fort Worth, Texas, April 14, 1981.
- "Infinity and Intelligibility in Ancient Greek Science," invited paper, Southern Illinois University at Carbondale, February 12, 1982.
- "Monumental Architecture as an Experimental Science: Re-Appraising the Origins of Early Greek Science," invited paper, California State University at Northridge, March 1986.
- "Re-Appraising the Origins of Ancient Greek Science," invited paper, The University of Mississippi, Oxford, MS, November 5, 1987.
- "Kant, Copernicus, and Newton: Re-thinking the Argument Structure of the *Critique of Pure Reason*," invited paper, The University of Missouri at St. Louis, March 28, 1988.
- "Technology of the Origins of Greek Science," University of Tennessee at Chattanooga, February 8, 1989.
- "Monumental Architecture and the Rise of Greek Philosophy," University of Mississippi (at Oxford), February 10, 1989.
- "An Interdisciplinary Approach to Ancient Greek Philosophy," invited lecture, University of the South, Sewanee, Tennessee, March 3, 1990.
- "Measuring the Circumference of the Earth, in Greece," University of Tennessee at Chattanooga: Reproducing Eratosthenes' Experiment (2nd cent. b.c.), March 4, 1990.
- "Anaximander and Architects," various dates/locations, 1992.
- "Sexual Politics in Ancient Greece," invited paper, Department of Anthropology, The University of Tennessee at Chattanooga, February 16, 1993.
- "Ancient Evidence for Reincarnation: Transitions from Old, Middle, and New Kingdom Egypt," Macomb Community College, Warren, MI, December 6, 1994.
- "The Irrationality of Western Science," invited Lecture, The University of Texas Pan-American, Edinburg, TX, February 2, 1995.

- "Ancient Egyptian and Greek Evidence Concerning Views of an After-Life.," The University of Texas Pan-American, Edinburg, TX, February 3, 1995.
- "Plato and Parmenides on the Transmigration of Souls," invited paper, Department of Humanities, Macomb Community College, Warren, MI, February 11, 1995.
- "An Interdisciplinary Approach to Teaching Art History: Some Philosophical Reflections," The California College of Arts and Crafts, Oakland, CA, February 22, 1995.
- "Theories of Life and Death in the Ancient Cultures of Egypt and Greece," invited Lecture, Department of Art History, The California College of Arts and Crafts, Oakland, CA, February 22, 1995.
- "Philosophy and Religion in the Ancient Cultures of Egypt and Greece," invited paper, Department of History and Philosophy, The University of Texas, Pan-American, Edinburg, TX, March 9, 1995.
- "Anaximander and the Egypt Connection: Reviewing the Afrocentric Hypothesis," invited lecture, University of Amsterdam, September 28, 1997.
- "Re-visiting Kant's Newtonian Revolution in Philosophy," invited lecture, University of Maastricht, September 28, 1997.
- "Thales, Anaximander, and the Origins of Greek Philosophy," Invited Lecture, February 12, 1998, Hampton-Sydney College, Virginia.
- "The Afrocentric Debate and Its Implications for the Origins of Philosophy," Invited Lecture, March 16, 1998, University of Wisconsin at La Crosse.
- "Anaximander's Cosmic Architecture and Architectural Techniques of the 6th century BCE Architects in Samos," Invited Lecture, *Deutsches Archäologisches Institut*, Samos (Greece), September 14, 1999.
- "The 'Growth' of Anaximander's Cosmos and Schaber's Theory about the 'Growth' of the Archaic Temple to Artemis in Ephesus," Invited Lecture, *Österreichisches Archäologisches Institut*, Ephesus (Turkey), September 16, 1999.
- "The Legacies of Ancient Egypt and Greece," invited lecture, Southern Illinois University at Edwardsville, February 9, 1999.
- "Myth and Cosmos in Ancient Greece," invited lecture, Southern Illinois University at Edwardsville, December 1, 1999
- "Re-Thinking Thales' Contribution to the Origins of Greek

Geometry in the Context of Applied Geometrical Techniques Evidenced at Archaic Building Sites.”
Invited Lecture, *Technische Universität München*,
(Germany) April 5, 2000

“The Origins of Ionian Nature Philosophy and Techniques in Monumental Architecture.” Invited Lecture,
Archaeology Seminar, Universität Wien, (Austria) April 6, 2000.

“Architecture and Cosmic Mechanisms in Anaximander,”
Invited Lecture, *Österreichisches Archäologisches Institut*,
Salzburg (Austria) April 7, 2000.

“Anaximander’s Architectural Techniques:
The Argument for Plan vs Axonometric Views other than Plan,”
Invited Lecture, *Hochschule für Technik*, Stuttgart
(Germany) April 8, 2000.

“Was Anaximander a ‘Philosopher’? Invited Lecture,
Erasmus University, Rotterdam, The Netherlands,
May 6, 2000.

Η ΕΜΦΑΝΙΣΗ ΤΗΣ ΕΛΛΗΝΙΚΗΣ ΦΙΛΟΣΟΦΙΑΣ:

The 2000 *Theophilos Veikos* Endowed Lecture in the University of Athens:

“Re-Thinking the Origins of Greek Philosophy: Anaximander, the Architects, and the Contributing Role of Archaeology.”
Invited Lecture, University of Athens, May 10, 2000.

“The Problem of ‘Knowledge’ in Archaic Greece,” Invited
Presentation, *Deutsches Archäologisches Institut*, Athens,
Greece, May 11, 2000.

“The Contribution of Ancient Egyptian Architectural Techniques to Milesian Nature-Philosophy,” Invited presentation to the excavation group of Metropolitan Museum of Art (New York) at their excavation site in Dhashur, Egypt, October 15, 2000.

“The Architectural Origins of the Geometrical Techniques of Thales and Anaximander,” presented to the Graduate Seminar in Ancient Philosophy, University of Athens, Greece,
October 19, 2000.

“The Idea of Modular Thought in Archaic Architecture and Early Greek Philosophy,” presented to the *Deutsches Archäologisches Institut*, Athens, Greece, October 20, 2000.

“The Numbers 19, 27, and 28 in Anaximander’s Cosmic Architecture” Invited Lecture, Ancient Philosophy Colloquium,
Northwestern University, December 8, 2000.

“Anaximander’s Cosmic Architecture,”

Hellenic Government – Karakas Family Foundation Lecture.
The University of Missouri at St. Louis, April 24, 2001.

“**Anaximander in Context**: Proportions and Numbers in
Anaximander and Early Greek Thought.” Invited Lecture,
Deutsches Archäologisches Institut, Didyma [Turkey],
September 10, 2001.

“**Anaximander in Context**: Proportions and Numbers in
Anaximander and Early Greek Thought.” Invited Lecture,
Österreichisches Archäologisches Institut, Didyma [Turkey],
September 11, 2001.

Author Meets Critics: Anaximander and the Architects,
Sponsored by the Society for Philosophy and Geography,
American Philosophical Association, Central Division,
25 April 2002.

“From Sundials to Socrates: Technology and the Origins of Greek
Philosophy,” Yale Club of St. Louis, 27 January 2005

“From Sundials to Socrates: Technology and the Origins of Greek
Philosophy,” Temple Israel, St. Louis, 7 February 2005.

“Winning, Losing, and Love: A Philosopher’s Reflections on
Life and Tennis,” Charles D. Tenney Distinguished Lecture,
5 April 2005.

“The Philosophy of Ancient Greek Poetry: A Case Study of
Homer’s *Iliad*.” Dyersburg State Community College, Tennessee,
28 February 2011.

“Did Pythagoras Discover the ‘Pythagorean Theorem?’”

Colloquium, Department of Philosophy, SIU, 18 October 2012.

From Egypt to Israel: New Cooperation for American Students in
Israel, Interfaith Encounter Association, 25 December 2013
[Jerusalem, Israel]

“Pythagoras’ Other Theorem: The Metaphysics of the Application
of Areas”, Ben Gurion University in the Negev, 26 December
2013

“Did Thales Discover the Pythagorean Theorem?”, University of
West Bohemia, 03 March 2014

“Thales Monism, Transformational Equivalence, and
Anaximenes’ Material Felting”, University of West Bohemia, 04
March 2014

“Thales Monism, Transformational Equivalence, and
Anaximenes’ Material Felting”, University of Prague, 06 March
2014

“Did Thales Discover the Pythagorean Theorem?” University of Prague, 07 March 2014.

“Did Thales Discover the Pythagorean Theorem?” Sorbonne University, Paris, France, 30 May 2014.

“Did Thales Discover the Pythagorean Theorem?” Bilkent University, Ankara, Turkey, 4 June 2014.

“Did Thales Discover the Pythagorean Theorem?” *Deutsches Archäologisches Institut*, Athens, Greece, 13 June 2014.

“Did Thales Discover the Pythagorean Theorem?” Annual Meeting of the Society for Ancient Greek Philosophy, Fordham University, New York City, 25 October 2014

“Why Thales Knew the Pythagorean Theorem”

Invited Keynote Address: Ancient Science Conference, University of London, 16 February 2015

“Did Pythagoras know the Pythagorean Theorem?”

Illinois Classics Conference, Monmouth College, Monmouth, Illinois, 3 October 2015

“How Archaeology Can Illuminate the Ideas of the Greek Philosophers, Why “Material Culture” matters to our Understanding of Philosophical Ideas,” **Plenary Lecture/Keynote Speaker**, 3 March 2017, University of South Florida

“The Metaphysics behind Euclid’s Two Proofs of the Pythagorean Theorem,” Bard High School Early College, Manhattan, New York City, 3 January 2018

Invited Keynote Address: “Accounting for the Origins of Greek Philosophy/Science in its Historical, Cultural, Technological Contexts: The Importance of Material Dimensions. Ancient Science conference, University of London, 12 February 2019.

“Were the Earliest Philosophers Source and Substance Monists?” (Co-Authored with Chava Hahn), New Mexico Texas Philosophical Society, San Antonio, Texas, 6 April 2019,

Invited Keynote: “The Metaphysics of Modular Thinking: Architecture, Geometry, the Felting of Wool, and the Origins of Greek Philosophy”. SOPHISTICATED CONFERENCE #3, Technische Universität Wien, 14 November 2019

-Invited scholar for Video Program: *Unearthed: Secrets of the Seven Wonders of the Ancient World* [Science channel]. Filmed at Re-Construction of the Athenian Parthenon in Nashville, TN April 2019 [released January 2020].

Invited Keynote Address: “The Metaphysics of Modular

Thinking, Substance Monism, and the Origins of Greek Philosophy: Architecture, Geometry, Coinage, and the Felting of Wool,” Ancient Science conference, University of London, 18 February 2020.

Invited Keynote Address: “Why Thales Knew the Pythagorean Theorem.” Cleisthenes Atelier, 9 April 2020, Université de Franche-Comté, Besançon France [CANCELLED: COVID-19]

Invited Keynote Address: “The Metaphysics of Modular Thinking, Substance Monism, and the Origins of Greek Philosophy: Architecture, Geometry, Coinage, and the Felting of Wool,” Merrimac College, Boston, MA, 16 April 2020 [CANCELLED: COVID-19]

VII. COMMUNITY SERVICE

-Ancient Legacies: Interdisciplinary Seminars in Ancient Greek Civilization and Ancient Egyptian Civilization: Travel/Study programs in Greece (May/June); open to members of the community, 1983-2020 [Study Abroad programs “cancelled” summer 2020, COVID-19]

[62 separate programs to Greece, Greece & Turkey, Egypt (and Italy) in 38 years]

-“The Triumph of the Loser: Reflections on Homer’s *Iliad*.” Invited Lecture. Delta Zeta Sorority. Student Center Auditorium, SIUC, February 9, 1999.

Other Lectures:

"Self-Consciousness in Classical Greece," Unitarian Church, Carbondale, Illinois, November 1984.

"Euclidean Geometry and Proof Structure in Aristotle's Posterior Analytics," Math Club, SIU-C, March 12, 1989.

"Medicinal Remedies and Botanical Resources in Archaic Greece," Garden Society of Mitchell Museum, Mt. Vernon, IL, October 4, 1989.

"An Interdisciplinary Approach to Teaching the 'Classics,'" John A. Logan College (Humanities), Carterville, IL, October 5, 1989.

- "An Innovative Approach to teaching the Humanities: Performing an Ancient Play in an Ancient Theatre in Greece," invited lecture, John A. Logan College, Carterville, IL, March 25, 1990.
- "The Ideal of the Hero in Homer's *Iliad*," invited lecture, John A. Logan Community College, Carterville, IL., 29 March, 1995.
- "The Legacy of Western Civilization to Africa or Europe?" Rotary Club, Carbondale, IL., February 12, 1997.
- "Anaximander and the Architects," Philosophy Department Colloquium, 19 April 2001.
- "Anaximander in Context," Philosophy Department Colloquium, 8 November 2001.
- "The Ethics of Killing the Innocent," Philosophy Department Panel on the events of September 11, 29 November 2001.

VIII. RESEARCH AND CREATIVE ACTIVITY

- A. Research Interests and Specialties: Ancient Greek philosophy, Modern philosophy, the history and philosophy of mathematics and science, Ancient Greek Science and civilization, Ancient Egypt and Greek Architecture and Building Technologies, "Ancient Practices" and Technologies.
- B. Current Research Projects:
- (1) Co-Editor (along with Archaeologist Alexander Herda), to be published by The Center for Hellenic Studies/Harvard University: ***'Knowledge' in Archaic Greece: What Counted as 'knowledge' Before there was a Discipline called Philosophy***
I am co-editing collected essays on the theme. This new co-edited research book is connected directly to an international conference I Co-Directing in Athens, Greece 11-14 December 2016.
- (2) Co-Editor (along with philosopher and classicist William Wians) ***Materia Philosophiae: The Material Dimensions of Ancient Greek Philosophy.***
- C. Research Grants Applied For:

D. Research Grants Received:

- 1) Knowledge and Technical Innovation in Archaic and Classical Greece, Sabbatical, Southern Illinois University Carbondale, Spring 2020.
- 2) The Bodily Origins of 'Proof' in Early Greek Philosophy, Sabbatical, Southern Illinois University at Carbondale, Spring 2013.
- 2) Sabbatical Grant, Southern Illinois University at Carbondale, Spring 2006
- 3) "Archaeology and the Origins of Philosophy," Sabbatical, Southern Illinois University at Carbondale, Spring 2006.
- 4) SIU ORDA Research/Creativity Grant, "The Origins of Philosophy in its Cultural Context," Spring 2001.
- 5) "Architectural Metrologies and Anaximander's Cosmic Numbers," Sabbatical and Extension (Greece/Turkey), Southern Illinois University at Carbondale, Spring 1998
- 6) Summer Research Grant in Curriculum Development, "Video-Taped Series for Enhanced Teaching Effectiveness of Introductory Logic in the Core Curriculum," Southern Illinois University, 1997.
- 7) NEH Summer Institute Grant, *New Perspectives on Classical Antiquity*, Professor Bella Zweig-Vivante, Director, University of Arizona, 1996.
- 8) "Early Greek Models of the Cosmos," Fellowship to Aid Research, Office of Research and Development, SIUC, 1993.
- 9) NEH Summer Institute Grant, "*Athenian Democracy*," Professor Charles Hedrick, Jr., Director, University of California at Santa Cruz, 1992.
- 10) NEH Summer Institute Grant, "*Science as Cultural Practice*," Professors Steve Fuller and Joseph Rouse, Co-Directors, Wesleyan University, 1991.
- 11) NEH Summer Institute Grant, "*Periclean Athens*," Professor Albert Leonard, Jr., Director, University of Arizona, 1991 (declined).
- 12) NEH Summer Seminar Grant, "*Archaeology and Ancient History: Ancient Greek Archaeological Excavation at Corinth/Isthmia*," Professor Timothy Gregory, Director, Ohio State University, 1991 (declined).
- 13) "Anaximander and Architectural Technologies," Sabbatical & Extension (Greece/Turkey), Spring 1990

- 14) NEH Summer Seminar Grant in Classics, "*Religion and Society in Ancient Greece*," Professor Michael Jameson, Director, Stanford University, 1988.
- 15) NEH Individual Summer Research Grant in the History of Science: "*Re-Appraising the Origins of Early Greek Science*," 1987.
- 16) "Thales, Geometrical Thinking, and the Origins of Greek Philosophy," Fellowship to Aid Research, Office of Research and Development, Southern Illinois University at Carbondale, June 1986.
- 17) NEH Summer Seminar Grant in the History of Science, "*Re-Appraisals of the Scientific Revolution*," Professor Robert Westman, Director, The University of California at Los Angeles, 1985.
- 18) Summer Research Grant in Curriculum Development, Re-Designing the Ancient Philosophy Program on an interdisciplinary basis, Southern Illinois University at Carbondale, 1984.
- 19) Summer Research Grant, Denison University, "Problems in Ancient Greek Science," 1982.
- 20) Faculty Exchange Grant, Brandeis University, with The American College of Greece (Athens) January-August, 1980.
- 21) NEH Summer Seminar Grant in Ancient Indian Philosophy, "*(Sanskrit) Logic and Epistemology*," (Professor J. N. Mohanty, Director), The University of Oklahoma at Norman, 1979.
- 22) Brandeis University Grant for organization of The Greater Boston Colloquium in Ancient Philosophy, 1978-81. (I served as Director for 3 years.)
- 23) Summer Research Fellowship in Ancient Philosophy, The University of Texas at Arlington, Summer 1978.
- 24) University of California at Berkeley, Postdoctoral Research Grant supervised by Gregory Vlastos, Mills Professor of Philosophy.

E. Research Honors and Awards:

NEH Humanities Connections Grant: The Creation of a New Minor – Ancient Practices [I was a member of the team]
 Awards \$100,000 for the development of a set of integrated courses designed to lure STEM students into concurrent study of the Humanities

University Senior Nominee for NEH grant, Southern Illinois University at Carbondale, 2012-2013.

University Senior Nominee for NEH grant, Southern Illinois University at Carbondale, 1994-95.

University Senior Nominee for NEH grant, Southern Illinois University at Carbondale, 1992-93.

University Senior Nominee for NEH grant, Southern Illinois University at Carbondale, 1991-92.

University Junior Nominee for NEH grant, Southern Illinois University at Carbondale, 1986-87.

IX. PUBLICATIONS AND CREATIVE WORKS

A. Books:

Kant's 'Newtonian Revolution' in Philosophy, The Journal of the History of Philosophy, Monograph Series, January 1988.

Self-Identity and Moral Decisions, The Ginn Press 1989, second edition, 1991.

Formal Deductive Logic: A Logic Workbook, Simon & Schuster, 1993, fifth edition, 1998; from 1998 onward Pearson Educational Publishing. Eleventh edition, 2016.

Conduct and Constraints: Testing the Limits of the Harm Principle, Simon & Schuster, 1994, fifth edition, 1998; from 1998 onward Pearson Educational Publishing, tenth edition 2014.

Anaximander and the Architects: The Contribution of Egyptian and Greek Architectural Technologies to the Origins of Greek Philosophy, Ancient Philosophy series, State University of New York Press, 2001, 2nd printing 2005.

Anaximander in Context: New Studies on the Origins of Greek Philosophy. Co-authored with Dirk Couprie and Gerard Naddaf. My monograph "Numbers and Proportions in Anaximander and Early Greek Thought." Pp. 72-163. Ancient Philosophy series, State University of New York Press, 2003, 2nd printing 2004.

Archaeology and the Origins of Philosophy. Ancient Philosophy series, State University of New York Press, 2010; paperback edition 2011.

The Metaphysics of the Pythagorean Theorem: Thales, Pythagoras, Engineering, Diagrams, and the Construction of the Cosmos out of Right Triangles, Ancient Philosophy series, State

University of New York Press, May 2017, paperback edition,
January 2018.

B. Articles in Professional Journals:

- "On Plato's Philebus 15B-8," *Phronesis*, Vol. XXIII, No. 2, 1978, pp. 158-172.
- "ΣΥΝΑΓΩΓΗ and the Problem of ΤΟ ΠΕΡΑΣ in Plato's *Philebus* 25C1-E5," *Philosophical Research Archives*, November 1978, pp. 1-21.
- "'Necessity', 'Objectivity', and the Structure of Transcendental Arguments in Kant's First and Second Critiques," *Southwest Philosophical Studies*, April 1978, pp. 126-133.
- "Aristotle as Ontologist or Theologian?: Or, Aristotelian Form in the Context of the Conflicting Doctrines of Being in the *Metaphysics*," *The Southwest Journal of Philosophy*, Vol. X, No. 1; 1979, pp. 79-88.
- "Truth (Aletheia) in the Context of Heidegger's Critique of Plato and the Tradition," *Southwest Philosophical Studies*, Vol. IV, Spring 1979, pp. 51-57.
- "Material Causality, Non-being and Plato's *Hypodochē*: A Re-View of the *Timaeus* in terms of the Divided Line," *Apeiron*, Vol. XIV, No. 1, fasc. 2, 1980, pp. 57-66.
- "Being and Non-Being in *Rig Veda X*, in the Writings of the Lao-Tzu and Chuang-Tzu, and in the 'Later Plato,'" *The Journal of Chinese Philosophy*, Vol. VIII, June 1981, pp. 119-142.
- "Knowledge and Death in Plato's *Theaetetus*," *Southwest Philosophical Studies*, Vol. VI, No. 3, April 1981, pp. 82-87.
- "Continuity, Discontinuity, and Some Paradoxes of Motion: Zeno's Arguments in the Light of Quantum Mechanics," *Southwest Philosophical Studies*, Vol. VII, April 1982, pp. 115-123.
- "Geocentrism, Heliocentrism, and the Circular Orbits of the Heavenly Bodies: Some Conceptual Problems in Early Greek Astronomy," *Southwest Philosophical Studies*, Vol. VIII, No. 3, Spring 1983, pp. 58-65.
- "A Note on Plato's Divided Line," *Journal of the History of Philosophy*, Vol. XXI, No. 2, April 1983, pp. 235-237.
- "Recollecting the Stages of Ascension: Plato's *Symposium* 211C3-D1," *Southwest Philosophical Studies*, Spring 1985.
- "Anaximander and Architects," *Proceedings of the Society for Ancient Greek Philosophy*, December 1992.
- "Imagining Philosophical Rationality: A Case Study of

Archaeology's Contribution to Early Greek Philosophy," *SKEPSIS*, A Journal for Philosophy and Interdisciplinary Research, XV/ii-iii, 2004, pp. 372-395.

"Heidegger, Anaximander, and the Greek Temple," <http://www.tu-cottbus.de/BTU/Fak2/TheoArch/Wolke/eng/Subjects/071/Hahn/hahn.htm>, 2007.

"Heraclitus, Milesian Monism, and the Felting of Wool," in *Heraklit im Kontext*, eds. Enrico Fantino, Ulrike Muss, Charlotte Schubert, Kurt Sier, Walter DeGryter: Berlin and Boston, 2017.

"Did Aristotle get the Origins of Philosophy Wrong?" *Aristotle 2400 years*. The Proceedings of World Congress 23-28 May 2016. Ed. Demetra Sfendoni-Mentzou. Ancient Stageira, Ancient Miez: Aristotle University of Thessaloniki, 2019, pp. 610-615.

"Structural Form as an Analogical Source for Structures of Nature:", May 24, 2019, *Journal of the National Science Foundation of Sri Lanka*, 2019, 47 (3): 323-331

"Architectural Technologies and the Origins of Philosophy" in "The Origins of Western Thought," 2020, in *ARCHAI*, The Journal of Ancient Philosophy, Brazil

"The Gnomon as *Module* for Thales and Anaximander: A technique is always an application that is enveloped by a theory," *In Politeia: Studies in Ancient Philosophy in Honor of Professor Anthony Preus*, Leiden, The Netherlands: Brill, *forthcoming*

"Should the Pythagorean theorem be renamed the Thalean theorem?" Big Think. Published: 23-August-2021. <https://bigthink.com/culture-religion/pythagorean-theorem-renamed-thalean-theorem>

C. Creative Contributions:

Co-Designed the Greece and Egypt posters,
University publicity, 1983-2005; new brochures 2006.

Co-Designed the *Philosophical Collaborations* posters,
University publicity, 1993-2018

Co-Designed SIU advertisements for Egypt program (4-color), for *KMT Magazine (The Modern Journal of Ancient Egypt)*, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002.

Co-Designed all newspaper advertisements for Greece and Egypt programs, 1983-2018.

E. Chapters in Professional Books:

"What Did Thales Want to be When He Grew-Up? Or, Re-Appraising the Roles of Engineering and Technology on the Origins of Early Greek Philosophy/Science," in *Plato, Time, and Education: Essays in Honor of Robert S. Brumbaugh*, Brian Hendley, editor, State University of New York Press, 1987, pp. 107-129.

"Technology and Anaximander's Cosmical Imagination: A Case-Study for the Influence of Monumental Architecture on the Origins of Western Philosophy/Science," in *New Directions in the Philosophy of Technology*, (Society for Philosophy and Technology, Vol. 6), Joseph C. Pitt and Paul Durbin, editors, Kluwer Academic Publishers, 1995, pp. 95-138.

"Heraclitus, Milesian Monism, and the Felting of Wool," in *Heraklit im Kontext*, Walter DeGryter, Germany, 2017, pp. 187-211.

"Mythos and Logos on New Year's Day: Trial and Error in Anaximander's Seasonal Sundial" in *Logoi and Muthoi: Further Essays in Greek Philosophy and Literature*, Ancient Philosophy series, State of New York University Press, 2019, pp. 95-134.

"Did Aristotle get the Origins of Philosophy Wrong?" *Aristotle 2400 years*. The Proceedings of the World Congress 23-28 May 2016. ed. Demetra Sfendoni-Mentzou. Ancient Stageira, Ancient Miez: Aristotle University of Thessaloniki, 2019, pp. 610-615.

E. Book Reviews:

J. C. B. Gosling, *Plato: Philebus* (Translation, Commentary, Notes) Clarendon Press, Oxford, 1975, *The Classical Journal*, Vol. 73, No. 4, April-May 1978, pp. 363-366.

W. H. Werkmeister, *Facets of Plato's Philosophy*, edited as a supplementary volume of *Phronesis*, 1977, *The Journal of the History of Philosophy*, Vol. XIX, No. 2, April 1981, pp. 242-245.

Robert W. Hall, *Plato*, London: George Allen and Unwin, 1981, *Canadian Philosophical Review*, Vol. 3, No. 5, 1983.

Ermanno Bencivenga, *Kant's Copernican Revolution*, Oxford University Press, 1987, *The Review of Metaphysics*, 1989.

Robin May Schott, *Cognition and Eros: A Critique of the Kantian Paradigm*, Boston: Beacon Press, 1989, *Canadian Philosophical Reviews*.

- Jonathan Barnes, *The Toils of Scepticism*, Oxford University Press, 1990, *Canadian Philosophical Reviews*, March 1992.
- Leo Groarke, *Greek Scepticism*, McGill/Queens University Press, 1990, *Canadian Philosophical Reviews*, March 1992.
- Anthony Preus (ed), *Before Plato: Essays in Ancient Greek Philosophy VI*, State University of New York Press, 2004, in *International Philosophical Quarterly*, 2003.
- Albert Presas I Puig, *Praktische Geometrie und Kosmologie am Beispiel der Architektur, Alogorismus, Studien zur Geschichte der Mathematik und der Naturwissenschaften* Herausgegeben von Menso Folkerts, 1998, in *ISIS*, 2003.
- Rene Brague, *The Wisdom of the World*, University of Chicago Press, 2003, in *Philosophy in Review*, 2004.
- Daniel Graham, *Explaining the Cosmos: The Ionian Tradition of Scientific Philosophy*. Princeton: Princeton University Press, 2006, in the *Journal of the History of Philosophy*, June 2008.