

Anne L. Hiskes

Dean of the Brooks College of Interdisciplinary Studies and Professor of Philosophy
Grand Valley State University

Last revised 12-2018

Education

- Ph.D. Indiana University, Bloomington IN. Dept. of the History & Philosophy of Science
- M.A. Indiana University, Bloomington, IN. Dept. of the History & Philosophy of Science
- B.A. Hope College, Holland, MI, *Magna Cum Laude*. Majors in Mathematics, Physics, and Philosophy
Honors: Dwight Yntema Senior Physics Award, Phi Beta Kappa, Pi Mu Epsilon (Mathematics),
Mortarboard, Baker Scholar (for leadership), and invited to deliver the inaugural Phi Beta Kappa initiation
address

Leadership Development

- ACAD/Phi Beta Kappa Workshop “Catching the Wave: Energy and Renewal in Liberal Arts Education”,
Milwaukee, June, 2016
- Leadership West Michigan, Fall 2013
- CCAS Workshop “Using Quantitative Productivity Tools to Guide Academic Decision Making”,
University of Cincinnati. March 25-26, 2010
- National Leadership Forum, Office of Women in Higher Education of the American Council on Education.
June 22-25, 2010
- “Engaging the Campus in Assessment”, a workshop by Middle States Commission on Higher Education,
Philadelphia, PA. April, 2010
- Fellow of the American Council on Education Fellows Program. June, 2009 – June 2010.
 - Host institution: The College of New Jersey (TCNJ)
 - Provost Carol Bresnahan, primary mentor, and President R. Barbara Gitenstein, secondary mentor.
Assisted with the Middle States Five-Year Review, creation of a Diversity Council in the School of
Culture and Society, and implementing new requirements for the Higher Education Opportunity
Act.

Administrative Positions

At Grand Valley State University:

Dean of the Brooks College of Interdisciplinary Studies, August 2012 - Present

Responsibilities:

- Chief academic and appointing officer of the College with 19 direct reports

Hiskes CV

- Oversight of seventeen academic programs: fifteen interdisciplinary undergraduate programs, one Master's program, and the GVSU Frederik Meijer Honors College with approximately 1700 students and organized into four departments and three stand-alone minors
- Oversight of seven university-wide academic support and enrichment offices: the Padnos International Center and Study Abroad Programs, the Fred Meijer Center for Writing and Michigan Authors, the Supplementary Writing Skills program, the Office of General Education, the Office of Sustainability Practices, the Design Thinking Academy, and the Sustainable Agriculture Project
- Oversight of four community-engagement programs: The Kutsche Office of Local History, the Lake Michigan Writing Project, the Padnos/Sarosik Civil Discourse Initiative, and the Semester in Grand Rapids
- Oversight of 2 College faculty and student support offices: The Brooks College Office for Community Partnerships and Student Professional Development, and The Brooks College Office for Integrative Learning and Advising
- Leadership and vision for the College
- Development and management of a budget of 11.7 million and of all College resources for effectiveness and efficiency
- College grants and contracts
- Strategic planning, setting of annual College goals, and annual strategic plan reporting
- College inclusion and diversity initiatives
- Maintain College information and data-bases relevant to accreditation and strategic planning
- Course and program assessment
- Course and program enrollments
- Faculty and staff recruiting, hiring, evaluation, and development
- Curriculum and program development, planning, delivery, and quality control
- Student academic support services and retention initiatives
- College communications
- Facilities and space planning
- Participation in the Provost's Cabinet with input on policies and issues affecting Academic and Student Affairs and other University divisions
- Distinguished Student Scholarship competition
- College Alumni and Donor relations
- Cultivating cross-college and cross-division connections to advance interdisciplinary collaborations

Achievements:

- Assumed leadership of a College that had historically overspent its budget and established practices to bring the College into the "black".
- Obtained financial efficiencies through the re-organization of the Fred Meijer Writing Center, the elimination of three programs, the discontinuation of a Center (due to duplication of services), and the re-organization of the Office of Sustainability Practices through the elimination of a position.
- Collaboratively developed and established ten new credit-bearing, cross-college, interdisciplinary programs:
 - Three majors in Religious Studies, Global Studies and Social Impact, and Environmental and Sustainability Studies
 - Three minors in Human Rights, Digital Studies, and LGBTQ Studies
 - Three certificates in Latino/a Studies, Sustainable Food Systems, and Intercultural Training
 - One Master's program in Social Innovation
 - Three badges are in the pipeline for matriculated students and potentially for community members
- Established the University's first undergraduate hybrid, accelerated degree completion program which has a Leadership emphasis.

Hiskes CV

- Led the 2016-2021 collaborative strategic planning process for the College.
- Successfully prepared the College for the HLC ten-year accreditation visit, ensuring that all data-bases and information, particularly around assessment and faculty qualifications, were current.
- Established advisory councils for all new programs.
- Established the “Interdisciplinary Salon” to advance college-wide and university-wide interdisciplinary dialogue and collaboration among students and faculty and provide professional development opportunities for faculty and students.
- Enhanced global education in the College:
 - Established a new Honors Haiti Service Learning Program and developed the Honors Ghana Service Learning Program.
 - Area and Global Studies Department established a new faculty-led study abroad program in Namibia.
 - Developed a joint degree program with a Chilean University
 - Created and successfully fundraised for the Brooks College Study Abroad Endowed Scholarship Fund.
 - Ensured that every curricular program includes global perspectives
- Increased the quality and quantity of opportunities for domestic experiential learning:
 - Created the Office for Community Partnerships and Student Professional Development.
 - Created a community-based course development initiative.
 - Created a College task force that developed guidelines, policies, and processes for best practices in community-based teaching, learning, and scholarship.
 - Created new undergraduate research programs and internship programs at the Sustainable Agriculture Project.
 - Established a grant program through the Kutsche Office of Local History for collaborative projects with faculty, students, and community partners.
 - Created the Semester in Grand Rapids Program and University of Michigan partnership with their Semester in Detroit Program.
 - Established the endowed Padnos/Sarosik Civil Discourse Initiative.
 - Further developed the Design Thinking Academy
 - Established the Innovation Lab for project-based teaching and learning with support from a donor.
 - Encouraged significant revisions in the Honors program to increase opportunities for community-based and project-based learning.
- Increased College fall semester enrollments by 16.8% since 2013 and 6.3% from F2017 to F2018
- Increased Spring/Summer enrollments by 85% since 2015 through an on-line course initiative.
- Oversaw the development of College faculty personnel policies and procedures:
 - New College and departmental guidelines for promotion and tenure
 - Best practices for mentoring of faculty
 - A system for equity and transparency in workload planning and distribution
 - Processes for the evaluation and appointment of unit heads and directors
 - Rubrics for annual performance evaluation
- Implemented a new distribution formula for IDC from grants.
- Initiated the College’s first alumni outreach and engagement programs.
- Developed a communication plan for the College and hired staff with communications expertise.
- Increased the number of tenure-track faculty in the college by 54% and the number of regular professional staff positions for student and faculty support by five.
- Initiated new funding opportunities for faculty and staff professional development
 - Funding for professional and leadership development for chairs, directors, and program coordinators

- Funding for faculty to develop expertise for targeted programs such as digital studies, design thinking, and appreciative advising
- Supported and provided leadership for diversity and inclusion initiatives in the College:
 - Developed new student recruiting strategies for the Honors College.
 - Established that revisions in the Honors curriculum require inclusion and diversity issues and skills in all courses
 - Established an endowed Honors Scholarship Fund to enhance diversity.
 - Tenure-track faculty of color increased by 54% since 2012 through intentional recruiting.
 - Supported linguistic inclusiveness training for writing tutors and faculty through the Writing Center.
 - Developed grants and scholarships for targeted student populations through the Padnos International Center.
 - Organized College Town Halls around inclusive practices in the classroom and personnel reviews.
 - Provided external, personalized career coaching and mentoring for faculty and staff.
 - Supported new opportunities for faculty and staff to learn about appreciative advising.
 - Supported reassigned time for faculty to serve as Fellows in the Division of Inclusion and Equity

Administrative Positions at the University of Connecticut:

Interim Associate Dean for Interdisciplinary Programs and Faculty Development of the College of Liberal Arts and Sciences and Special Assistant to the Provost, August 2010 – August 2012. (The College of Liberal Arts and Sciences included 23 departments and 41 undergraduate majors with over 10,000 undergraduate students and 610 tenure-track faculty).

Responsibilities and Achievements:

- Facilitated the transition of Women’s Studies, the Institute for African American Studies, the Asian American Studies Institute, the Institute for Puerto Rican and Latino Studies, and international area studies programs from the Provost’s Office into the College of Liberal Arts and Sciences, integrating them into the life of the College and assisting them with budgeting, restructuring, and strategic planning.
- Facilitated the merging of Latin American Studies and Puerto Rican, Caribbean, and Latino Studies.
- Created personnel policies and procedures and MOU’s for jointly appointed interdisciplinary faculty.
- Developed orientation, professional development, and mentoring programs for new faculty.
- Facilitated faculty diversity efforts in the College and with the President’s office for faculty recruiting and campus climate workshops.
- Established and served as the inaugural chair of the University Senate Committee on Diversity.
- Oversaw the review and appointment of program directors and unit heads.
- Co-chaired the University Committee for the Five-Year NEASC Review and drafted four sections of the report.

Founding Director of the Office of Research Ethics and Education for Stem Cell Research and Chair of the Human Embryonic Stem Cell Research Oversight Committee (ESCRO), Winter 2006 – August 2009. Presidential appointment.

Responsibilities and Achievements:

- Created one of the first ESCRO committees in the nation which served as a model for other universities.

Hiskes CV

- Created policies, procedures, and systems for ensuring the ethical and legal conduct of human embryonic stem cell research and later for other areas of stem cell research.
- Reviewed all University research projects using pluripotent stem cells for compliance and helped bring in over \$20 million in grants.
- Led a fifteen-member multi-disciplinary oversight committee and coordinated and communicated across ten other research offices.
- Served as the University's liaison with other institutions across the state and nation.
- Hosted and organized educational workshops for researchers, including workshops at the September 2008 World Stem Cell Summit in Madison WI.
- Created the first and only national survey of ESCRO activity whose results were presented at several conferences and used as a resource by the National Academies of Sciences Stem Cell Advisory Committee in developing policy.

Associate Dean for Undergraduate Programs and the Humanities and Social Sciences, College of Liberal Arts and Sciences, 2004-2006

Responsibilities and Achievements:

- Oversaw the quality of all undergraduate programs of the College and the quality of teaching.
- Monitored enrollments and managed an adjunct and teaching assistant budget of \$4.5 million for extra course sections.
- Supervised the College Academic Services Center with six fulltime staff.
- Represented the Dean's office on the College Curriculum and Courses Committee and on the University-wide Institute for Teaching and Learning, Service Learning Taskforce, Community Outreach and Engagement Forum, advisory boards for First Year Programs and Senior Year Programs, Career Services, and Residential Life.
- Member of the leadership team for a \$5 million grant-funded "Teachers for a New Era" grant.
- Conducted unit head reviews and searches
- Adjudicated personnel issues and student academic misconduct cases.
- Led a major revision of the College degree requirements
- Initiated a review of the College writing programs and formed a task force to review and develop approval criteria for on-line courses
- One of a team of two that drafted the Honors Program Interdisciplinary Core Curriculum. .

General Education Oversight Committee Chair, 2003-2004. (Jointly appointed by the Provost and the University Senate)

Responsibilities and Achievements:

- Created an infrastructure, policies, and procedures for the implementation of a new general education program and curriculum to take effect within two years, in fall 2005.
- Oversaw the review and certification of over 600 general education courses within 9 months.
- Coordinated the initiative with 11 University schools and colleges, 5 regional campuses, and the registrar's office.
- Led biweekly meetings of the twenty-two-member faculty committee and supervised administrative support personnel.
- Developed and implemented a new course grant program with an annual budget of \$150K to incentivize course development in the areas of U.S. diversity and global perspectives.

Academic Positions at the University of Connecticut

Founder and Director of the Program on Science and Human Rights (under the umbrella of the Human Rights Institute), 2006-2012

- Established the Heinz and Virginia Herrmann Distinguished Lecture Series in Human Rights and the Life Sciences through philanthropic gifts.
- Founded the undergraduate human rights journal *Namaste* and sponsored the formation of the undergraduate bioethics club.

Director of Graduate Studies, Department of Philosophy, 1988 – 1993

Transformed the program through curriculum development and enhanced recruiting practices.

Department of Philosophy, Tenured Faculty member, 1986-2012.

Honors and Awards

- Phi Kappa Phi, 2016
- Iota, Iota, Iota, 2014
- Fellow of the American Council on Education Fellows Program, 2009-2010
- AAUP Award for Excellence in Service, 2006
- Pew Summer Seminar Fellow at Calvin College, “Realism and Anti-Realism”, 1999
- Fellow, Center for the Philosophy of Science at the University of Pittsburgh, Spring 1988
- Phi Beta Kappa
- Pi Mu Epsilon

Professional Memberships

- American Association of Colleges and Universities
- American Council of Academic Deans
- Council of Colleges of Arts and Sciences (CCAS)
- Economic Club of Grand Rapids
- West Michigan Environmental Action Council
- West Michigan Sustainable Business Forum

Professional Service and Leadership

- CCAS Cultural Diversity Committee, 2017-present
- CCAS Regional Masters University Committee, 2017-present
- MI-ACE Senior Leadership Shadow Program Steering Committee, 2015-2018
- American Council on Education Fellows Professional Development Committee, 2010-2014
- Member, State of Connecticut Stem Cell Research Advisory Committee, 2008-2012
- Member, Standing Advisory Committee of the Connecticut Board of Governors for Higher Education, 2009-2011
- Working Group on Ethical, Legal, and Social Implications of Human Genomic Research,
 - Connecticut Department of Public Health, 2008-2009
- Connecticut Department of Higher Education: General Education Task Force, 2003-2004

Service as a Referee

- Cambridge UP
- NSF Directorate on Behavioral and Social Sciences – History and Philosophy of Science
- *Philosophy and Public Affairs*

Hiskes CV

- *Rationality and Society*
- *Synthese*

Academic Faculty Service at The University of Connecticut

Membership on University Executive Search Committees

- 2011-12. Associate Vice President for Diversity and Employment Equity and Compliance
- 2010. Presidential Search Advisory Committee. Appointed by the Chair of the Board of Trustees
- 2010. Director of Undergraduate Admissions. Appointed by the VP for Enrollment Management
- 2007. Presidential Search Advisory Committee. Appointed by the Chair of the Board of Trustees
- 2004. Provost Search Committee. Appointed by President Austin
- 1998-1999. Vice Provost for Research and Graduate Education. Appointed by Chancellor Mark Emmert

University and College Service

- 2011- 2012. Charter member of the Provost's Commission on Institutional Diversity
- 2011- 2012. Member of the Global Citizenship Curriculum Committee
- 2010 – 2012. University of Connecticut Board of Trustees, University Senate faculty representative and member of the Board of Trustees Institutional Advancement Committee
- 2010. Elected to the Senate Executive Committee. Resigned on acceptance of associate dean position.
- 2010-2012. Member of the Committee of Three (final appeal for promotion and tenure cases)
- 2010- 2012. Member and Chair (2011) of the Senate Diversity Committee
- 2010-2012. Member of the University of Connecticut Stem Cell Research Oversight Committee (SCRO)
- 2009- 2012. Committee to develop a major in Human Rights
- 2009- 2012. Member of the University Campaign Steering Committee
- 2009. Chair, Trustees, Administrators, Faculty, and Students Program Committee
- 2008 - 2009. Member of the Executive Compliance Committee. Appointed by the President.
- 2008-2009. Member of the planning committee for the University of Connecticut Humanities Institute's "Day in the Humanities: Imagining, Performing, Writing Science"
- 2008. Chair of Senate Committee for Campus Unification
- 2007 – 2008. Chair, Committee of Three (responsible for tenure and promotion appeals after a decision has been made at the Provost level)
- 2007 – 2008 Chair, Senate Nominating Committee and Member 2002- 2009
- 2007 – 2009. Member of the 2009 Year of Science Steering Committee. Appointed by the Provost.
- 2007-2009. Member of the Year of Darwin Planning Committee
- 2006 – 2009. Executive Committee of the University Senate
- 2006 – 2008. University Senate Faculty Standards Committee
- 2006 – 2007. Co-chair of the University of Connecticut Humanities Institute's "Day in the Humanities: Redesigning the Human"
- 2004 – 2008. Advisory Board of the University of Connecticut Humanities Institute. Appointed by the Institute Director and CLAS Dean.
- 2006 - Present. Advisory Board of the Human Rights Institute. Appointed by the Institute Director.
- 2007 – 2009. Executive Board of the University of Connecticut Stem Cell Institute. Appointed by the Institute Director.
- 2005-2008 Member of the Institutes and Centers Establishment and Review Committee. Appointed by the Provost.
- 1985- 2012. Member of the University Senate, with gaps in service to comply with the Senate By-laws.
- 2002 – 2003. President of the UConn Phi Beta Kappa Chapter

Hiskes CV

- 1992 – 1998. Executive Committee of the Graduate School. Appointed by the Vice Chancellor for Research and Graduate Education.
- 1996 – 1998. CLAS Dean’s Research Advisory Board. Appointed by the Dean.
- 1990 – 1993. Liberal Arts and Sciences Promotion, Tenure, and Reappointment Advisory Committee. Appointed by the Dean.
- 1983 - 85. Research Foundation Advisory Council. Appointed by the Vice Chancellor for Research and Graduate Education.

American Association of University Professors

- 2003 – 04; 1990 – 1991. Executive Committee
- 1997-1998. Committee to review university-wide merit award
- 1999, 1990- 1991. Summer School Negotiating Team
- 1990 – 1991. Research Support Committee

Conference Presentations and Addresses

Administrative

- “Higher Education Today: Practices for Survival”, co-organizer and panelist, AAC&U Annual Meeting, January 2018, Washington D.C.
- “Survival Lessons for the 21st Century”, co-organizer and co-facilitator for a 3-hour, role-playing workshop at the 2017 American Council of Academic Deans (ACAD) Dean’s Institute held in conjunction with the AAC&U Annual Meeting, January 2017, San Francisco.
- Panelist, CCAS Webinar “Creating and Managing an Undergraduate Interdisciplinary Program: Liberal Studies”, Spring, 2015.
- Panelist at the annual conference of the Association of International Education Administrators. Theme: Competition and Collaboration in the Global Transformation of Higher Education, February 2011.
- Panelist for “Is Higher Education at a Crossroads? Classroom versus Online Learning”, The University of Connecticut, October 28, 2010.
- “Leadership Excellence: Transforming Your Career”, panel discussion sponsored by the Provost’s Commission on the Advancement of Women, February 2008.
- Panelist, Women’s Advancement Conference, sponsored by the Provost’s Commission on the Advancement of Women of the University of Connecticut, May 2006.
- Panelist, Women’s Advancement Conference, sponsored by the Provost’s Commission on the Advancement of Women of the University of Connecticut, May 2005.

Academic

- “Aristotle, Biotechnology, and the Liberal Arts and Sciences”, Phi Beta Kappa Initiation, the College of New Jersey, Ewing, NJ, April 7, 2010.
- “The Politics and Rhetoric of Stem Cell Research”, Politics Forum, The College of New Jersey, Ewing, NJ, January 28, 2010.
- “Stem Cell Research Ethics and Science: What’s Next?” Hope Academy of Senior Professionals, Holland MI, July 7, 2009.
- “Unpacking the Story of Venture Smith: Slavery, Freedom, and the Liberal Arts and Sciences”, delivered address for the Phi Beta Kappa initiation, The University of Connecticut, May 3, 2009.
- Keynote Address “Stem Cell Research: The Co-Evolution of Biomedical Research and Ethics”, Research Day at the University of Connecticut Health Center, Farmington CT, February. 23, 2009.
- “Stem Cell Research: Medical Promises and Ethical Challenges”, St. Joseph College, West Hartford CT, February 4, 2009.

Hiskes CV

- “The Ethics of Human-Animal Chimera Research: Fact or Fiction?”. The Hartford Ethics Group, Trinity College, Hartford CT, October 16, 2008.
- “Venture Smith and Changing Conceptions of the Human and Human Rights”, Annual Meeting of the Society of Historians of the Early American Republic” (SHEAR), Philadelphia, July, 2008.
- “The Ethics and Oversight of hESC Research”. Mid-Atlantic Biosafety Association Annual Symposium, Yale University, June 19, 2008.
- “Looking for the Human in Human Rights: Contributions of the Life Sciences”. Humanities Institute, University of Connecticut, April 2008.
- “Human Embryonic Stem Cell Research Oversight: Learning from Experience and Anticipating the Future”. UConn Health Center, March 2008.
- “Stem Cell Science, Ethics, and Oversight”, the Probus Society, Glastonbury, CT, January 2008.
- “Faith and Trust”; “Faith and Reason”, and “Faith in an Age of Science”, St. Mark’s Episcopal Chapel, Storrs, CT, 2007-2008.
- “Ethical Issues and Oversight Challenges with Human Embryonic Stem Cell Research, with Audrey Chapman, Celebrate Women Series, UConn Health Center, February 2007.
- “Venture Smith and Philosophical Theories of Human Rights”, Conference on Documenting Venture Smith, East Haddam, CT, September 2006.
- “Stem Cell Research: Science, Ethics, and Religious Faith”. St. Mark’s Episcopal Chapel, Storrs CT, October and November 2006.
- “Creation, Evolution, and Intelligent Design”. Christ Church Cathedral, Hartford CT, March 2006.
- “Stem Cell Research: Where Ethics and Science Meet”, Christ Church Cathedral, Hartford CT, March 2006.
- “Aristotle Meets Biotechnology: Science, Values, and the Liberal Arts”, Invited Phi Beta Kappa Initiation Lecture, May 5, 2002.
- “Van Fraassen's Constructive Empiricist Philosophy of Science and Religious Belief: Prospects for a Unified Epistemology". Conference on "Realism and Antirealism", May 2000, Calvin College.
- “How Metaphor Shapes Science: A Critical Discussion of Barbara Katz Rothman’s *Genetic Maps and Human Imaginations: The Limits of Science in Understanding Who we Are*”. Society for the Study of Social Problems, Chicago IL, August 1999.
- Commentary on Schenk's "On the Egocentric Experience of B-Time", Philosophy of Time Society, December 1995.
- “The Limits of Science in an Age of Technological Risk ", Conference on Risk and the Environment", Fairfield University, April 1993.
- "Theoretical Explanation and Unification", the 9th International Conference of Logic, Methodology, and Philosophy of Science, Uppsala Sweden, August 1991.
- "Symmetry, Unification, and Realism About Space-Time", Dept. of Philosophy, University of Western Ontario, April 7, 1989.
- "Theoretical Unification: Issues of Method and Interpretation", Center for the Philosophy of Science, University of Pittsburgh, February 1988.
- "Theological Implications of Modern Physics", Conference on Religion and the Academy, St. Marks Chapel, Storrs, November 1985.
- "The Scientist as Moral Agent: Is There a Special Burden of Responsibility?", Sigma Xi Research Society. The University of Connecticut, September 1984.
- “Symmetry and the Philosophy of Space-Time Theories”, Department of Physics, The University of Connecticut, September 1983. “
- “Symmetry Groups and the Content of Physical Theories". 7th International Conference of Logic, Methodology, and Philosophy of Science, Salzburg, July 1983.
- “Is Time-Travel Incoherent?", The University of Hartford, Harford, CT, April 1981.

Hiskes CV

- "Relativity Principles and Symmetry Requirements", Harvard University, Dept. of History of Science, March 1981.

Peer-Reviewed Articles/Book Chapters

My research has been primarily interdisciplinary in nature, integrating historical and philosophical content and methods with the biomedical sciences and physical sciences. Projects have focussed on the intersection of genomic and biomedical sciences with issues concerning human dignity, human identity, and human rights. Earlier scholarship examined relationships between science, values, and culture in areas such as religion, gender, metaphor, and aesthetics.

Books:

- *Science, Technology, and Policy Decisions*, with Richard P. Hiskes. Boulder: Westview Press, 1986. [Selected sections reprinted in *Philosophy of Science: Text with Readings*, David Boersema. (Pearson Education, 2009)

Peer-Reviewed Articles/Book Chapters:

- "Venture Smith and Philosophical Theories of Human Rights", in *Venture Smith and the Business of Slavery and Freedom*, James Stewart, ed., pp. 231-251 (Amherst: UMass Press, 2010).
- "Unscrambling the Eggs: Cybrid Research Through an ESCRO Lens", with A. Chapman. Commentary on Baylis, "Animal Eggs for Stem Cell Research", *American Journal of Bioethics*, Vol. 8 (December 2008), pp. 44-46.
- "Van Fraassen's Constructive Empiricist Philosophy of Science and Religious Belief: Prospects for a Unified Epistemology", in *Realism and Antirealism*, William Alston, ed., 238-52. (Ithaca: Cornell UP, 2002).
- "Theoretical Explanation and Unification". D. Prawitz and D. Westerstahl (eds.), *Logic and Philosophy of Science in Uppsala*, pp. 147-157. (Dordrecht: Kluwer Academic Publishers, 1994).
- (With Heinz Herrmann). "Lipmann's Squiggle and the Unification of Cellular Structure and Function". *The Roots of Modern Biochemistry: Energetics of the Cell, Fritz Lipmann's Squiggle and Its Consequences*, pp. 261-284. (Berlin & New York: Walter de Gruyter & Co., 1988.).
- "Friedman on the Foundations of Space-Time Theories", *Erkenntnis*, Vol. 25 (1986), pp. 111-126.
- "Space-Time Theories and Symmetry Groups", *Foundations of Physics*, Vol. 14 (1984), pp. 307-332.
- "Symmetry Groups and the Content of Physical Theories", *Abstracts of the 7th International Congress of Logic, Methodology and Philosophy of Science, Salzburg*, 1983. Vol. 4, pp. 92-95.

Published Reviews

- "Review of Ronald Giere's Explaining Science: A Cognitive Approach". *Symmetry*, Vol. 1, No. 1 (October, 1989).
- "Review of Gerald Holton's The Advancement of Science and Its Burdens, *The Scientist*, Vol. 1, No. 9 (March 23, 1987), p. 21.

Teaching at the University of Connecticut

Undergraduate Courses

- Introduction to Problems of Philosophy
- Philosophy and Logic
- The Nature of Scientific Thought (team-taught for 25 years with life science faculty)
- Philosophy of Science (taught also as a writing-intensive course)
- Human Rights and Bioethics – Honors course

Hiskes CV

- Science and Gender – Honors Seminar (team-taught with a Sociology professor)
- Human Rights and Bioethics in Cross-Cultural Perspective (Developed with a Provost Office grant)

Sample Undergraduate Research Projects Supervised

- University Scholar Michael Abramczyk (2010; Goldwater Scholarship 2009; Fellowship DOE Office of Science, 2010). “Do Computer Simulations in Quantum Chromodynamics Qualify as Experiments?”
- Honors student Jennifer Chevinsky (2011). Individualized Major “Bioethics in Cross-Cultural and Religious Perspectives”
- University Scholar Jordan Bloch (2011). “The Evolution of Literary and Philosophical Arguments Against Religious Belief”
- University Scholar Kathleen Stewart (2011), “In Search of Human Uniqueness: Neandertals and Modern Humans from Historical, Archeological, and Molecular Perspectives”

Graduate Courses

- Seminar - Introduction to Analytic Philosophy
- Seminar on Philosophy of Science
- Seminar on Philosophy of Physics

Ph.D. Dissertations Supervised

- Weimin Sun. 2003. “Interpretations of Probability Theory”. Associate Advisor. Now Professor at California State University, Northridge.
- Xinli Wang. Ph.D. 1998. “Presuppositional Languages and Cross-Language Scientific Communication: The Issue of Incommensurability”. Major Advisor. Now Professor at Juniata College.
- Shannon O’Roarke. 1997. “Gratitude and the Creation of Value”. Associate Advisor. Now instructor at Quinnipiac University.
- Peimin Ni. 1991. “Hume and the Definition of Cause”. Associate Advisor. Now Professor at Grand Valley State University.

Participation in NSF-funded Summer Programs: Integrity of Scientific Research

- NSF Research for Undergraduates in the Life Sciences, 2007, 2008, 2009.
- NSF Research for Undergraduates in Chemistry, 1999, 2000, 2001, 2002.
- NSF Young Scholars Program, 1989, 1990, 1991, 1992, 1993.

External Grant Activity

- PI, “Center for Science, Society, and Human Welfare”, \$450,000. Proposal for Federal Earmarks submitted to the University of Connecticut Vice Provost for Research, 2008. Unfunded.
- PI, “Emerging Issues of Stem Cell Research Ethics, Oversight, and Policy”, \$200,000. Submitted to the State of Connecticut Stem Cell Research Program, 2007. Unfunded.