

## BRIEF CURRICULUM VITAE

### **David A. Prentice, Ph.D.**

President and Founding Board Member  
Science Alliance for Life and Technology  
(SALT)

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### EDUCATION

**Post-Doctoral**, Cell Biology, July, 1981-Jan., 1983; Laboratory Director's-funded; Los Alamos National Laboratory; Research Associate with Dr. Lawrence R. Gurley, Distinguished Laboratory Fellow; Security level – Q clearance.

**Ph.D.**, Biochemistry, University of Kansas, May 18, 1981; graduated with honors; dissertation advisor—Dr. Paul A. Kitos, Dept. of Biochemistry.

**B.S.**, Cellular Biology, University of Kansas, Jan. 13, 1978; graduated with honors.

### POSITIONS HELD/EXPERIENCE

**June 2025-present**—President and Founding Board Member, The Science Alliance for Life and Technology, Inc. (SALT)

SALT is a 501(c)(3) tax-exempt non-profit organization, incorporated June 2025, of scientists and policy experts dedicated to serve as a resource on the science and ethics of nascent human life. SALT engages in science research, education, and publishing, and assists other scientific and educational organizations in the conduct of similar activities.

**October 2025-present**—Special Professor, Department of Medical Humanities, Creighton University School of Medicine

**June-September 2020** – Member, NIH Human Fetal Tissue Research Ethics Advisory Board – FY2020  
Appointed by Secretary of HHS

**January 2018-July 2023**—Chair, Advisory Board, Midwest Stem Cell Therapy Center, Kansas

**January 2015-January 2024**—Vice President and Research Director, Charlotte Lozier Institute, Washington, D.C.

**July 2013-July 2020**—Scientific Member, Founding Member, Advisory Board, Midwest Stem Cell Therapy Center, University of Kansas Medical Center, Kansas City, Kansas

**August 2008-April 2022**—Adjunct Professor of Molecular Genetics, John Paul II Institute, The Catholic University of America, Washington, D.C.

**July 2004-December 2014**—Senior Fellow and Director for Life Sciences, Family Research Council, Washington, D.C.

**August 2004-August 2006**—Affiliated Scholar, Center for Clinical Bioethics, Georgetown University Medical Center, Washington, D.C.

**Fall 2000-Spring 2001**—Sabbatical

- August, 1997-June, 1999**—Acting Associate Dean/Administrative Fellow for Curricular Development, College of Arts & Sciences, Indiana State University
- January, 1997-May, 1997**—Acting Associate Dean for Budget and Personnel, College of Arts & Sciences, Indiana State University
- August, 1994-December, 1996**—Assistant Chair/Co-Chair, Department of Life Sciences, Indiana State University. (Acting Chairperson, Summer, 1995; Summer, 1996.)
- Spring, 1994**—Visiting Professor, Indiana University School of Medicine, Terre Haute Center for Medical Education, Terre Haute, IN.
- August 1993-June 2004**—Professor, Life Sciences, Indiana State University, Terre Haute, IN.
- August 1993-June 2004**—Adjunct Professor, Medical and Molecular Genetics, Indiana University School of Medicine, Terre Haute Center for Medical Education, Terre Haute, IN.
- July, 1991-August, 1993**—Adjunct Associate Professor, Medical and Molecular Genetics, Indiana University School of Medicine, Terre Haute Center for Medical Education, Terre Haute, IN.
- August, 1988-August, 1993**—Associate Professor, Department of Life Sciences, Indiana State University, Terre Haute, IN. Tenured--August, 1990.
- December, 1984 - August, 1988**—Assistant Professor, Department of Life Sciences, Indiana State University, Terre Haute, IN.
- February, 1983 - December, 1984**—Assistant Professor, Department of Obstetrics, Gynecology and Reproductive Sciences, University of Texas Medical School at Houston, Houston, Texas [Feb., 1983-Aug., 1983; Dept. of Reproductive Medicine and Biology]
- July, 1981 - January, 1983**—Director's-funded Post-Doctoral Staff Member, Life Sciences Div., Los Alamos National Laboratory, University of California, Los Alamos, NM; Research Associate with Dr. Lawrence R. Gurley, Distinguished Laboratory Fellow; Security level – Q clearance
- January, 1978 - May, 1981**—Pre-Doctoral Fellow, Graduate Honors Fellow, Department of Biochemistry, University of Kansas, Lawrence, Kansas
- August, 1974-December, 1977**—Summerfield Scholar *and* National Merit Scholar, Department of Biology, University of Kansas, Lawrence, Kansas

**PROFESSIONAL SCIENTIFIC and ACADEMIC SERVICE and AWARDS**

**PROFESSIONAL SERVICE**

*Associate Editor*, Feb 2024-present, *Issues in Law and Medicine*

*NIH Human Fetal Tissue Research Ethics Advisory Board – FY2020, Member*, June-September 2020  
<https://web.archive.org/web/20200901130125/https://osp.od.nih.gov/biotechnology/nih-human-fetal-tissue-research-ethics-advisory-board/>

*Chair of the Advisory Board*, January 2018-July 2023, Midwest Stem Cell Therapy Center, Kansas

*Advisory Board Member*, Scientific Member, Founding Member, 2013-2020, Midwest Stem Cell Therapy Center, University of Kansas Medical Center, Kansas; <http://www.kumc.edu/msctc.html>

*Founder*, 2009, *Stem Cell Research Facts*, *Adult Stem Cells educational initiative*;  
[stemcellresearchfacts.org](http://stemcellresearchfacts.org)

*Founding Member*, 1999, *Do No Harm: The Coalition of Americans for Research Ethics*;  
[stemcellresearch.org](http://stemcellresearch.org)

*Advisory Board Member*, 2002-present, Center for Bioethics and Human Dignity; <https://cbhd.org/>

*Editor for Science Notes*, 2015-2018, *National Catholic Bioethics Quarterly*

*Editorial Board Member*, 2010-2014, for *Journal of Tissue Science & Engineering*

*Reviewer for The Linacre Quarterly*

*Reviewer for Issues in Law and Medicine*

*Reviewer for Journal of the American Medical Association*

*Reviewer for the international journal Experimental Cell Research*

*Reviewer for the international journal Cell Biology International*

*Reviewer for the international electronic journal Ethics in Science and Environmental Politics*

*Grant Reviewer for the National Medical Research Council, Singapore, 2004*

*Reviewer for Cambridge University Press*

*Invited reviewer for “Our Posthuman Future: Consequences of the Biotechnology Revolution”, Book by Francis Fukuyama, Johns Hopkins University*

*Honorary Member*, Golden Key International Honor Society

*Who’s Who in Science and Engineering, 2011-2012 professional listing*

*Advisor and Member of Diplomatic Delegation*; Permanent Mission of Costa Rica to the United Nations

Christian Medical and Dental Associations (CMDA) Lifetime member

American Association of Pro-Life Obstetricians and Gynecologists (AAPLOG) member

American Association for the Advancement of Science (AAAS) member

American Society for Cell Biology (ASCB) (*inactive*)

Association of College and University Biology Educators (ACUBE) (Vice President, 2000) (*inactive*)

**UNIVERSITY SERVICE** (representative committees and positions while at Indiana State University)

University Promotions Committee

BA/MD Rural Health Program Committee

Institutional Review Board for Human Subjects

Institutional Animal Care and Use Committee (incl. service as Chair)

Provost's Blue Ribbon Study Panel on Distance Education

Information Technology Advisory Committee (Chair)

Distance Education Policy formulation committee

Faculty Senate Executive Committee & Member, Faculty Senate

Curriculum and Academic Advising Committee

General Education Council

Teacher Education Committee

Acting Radiation Safety Officer

**AWARDS**

*Faculty Distinguished Service Award*, (Indiana State University-wide Service Award); 2003

## TEACHING and MENTORING

### COURSES TAUGHT

#### Indiana State University & Indiana University School of Medicine

*(Most of the ISU courses had online components; some lecture courses at times taught completely online)*

Human Biology (non-majors) (LIFS 112)

Cellular Development (LIFS 405/505) (advanced undergraduate/graduate level)

Cell and Tissue Culture lecture with laboratory (LIFS 406/L/506/L) (advanced undergrad/graduate level)

History of Biology (LIFS 410)

Pathophysiology (LIFS 412)

Embryology lecture with laboratory (LIFS 461/L/561/L) (advanced undergrad/graduate level)

Science and Politics special topics course (LIFS 491/691 PSCI 400E/500E) (advanced UG/graduate level)

Cellular Biology (LIFS 601) (graduate level)

Advanced Pathophysiology (LIFS 633) (graduate level)

Medical Biochemistry (CHEM 633) (medical students)

Medical Genetics (LIFS 681) (medical students)

#### Georgetown University Medical Center, Washington, DC

Lecture on Stem Cells & Biotechnology for Clinical Bioethics program

#### John Paul II Institute, The Catholic University of America, Washington, DC

Issues in Science: Genetics & Embryology (JPI 671) (graduate degree students)

### AWARDS

***31<sup>st</sup> A. Kurt Weiss Lectureship on Biomedical Ethics, Oklahoma University Health Science Center, 2018***

***Walter C. Randall Inaugural Seminar in Biomedical Ethics, Taylor University, 2014***

***Walter C. Randall Award in Biomedical Ethics, American Physiological Society, 2007***

*given for promoting the honor and integrity of biomedical science through example and mentoring in the classroom and laboratory*

***Presidential Teaching Fellow*** (Indiana State University Teaching Honor). Spring 2001-Spring 2002.

***Caleb Mills Distinguished Teaching Award*** (Indiana State University-wide Teaching Award). 2000

***Educational Excellence Award*** (College of Arts & Sciences Teaching Award). 1998

***University Teaching with Technology Team.*** 1995-1996

### RESEARCH STUDENTS (since 1985)

Medical student Research Interest Group, 4 med students, Creighton Medical School

Research overview, 12 Interns (undergrad & post-grad students), Charlotte Lozier Institute

Project Director, 15 Fellows & Interns (undergrad & post-grad students), Family Research Council

Major advisor for 4 Ph.D. students and 29 Master's students, Life Sciences, Indiana State University

Committee member for 37 Ph.D. students and 43 Master's students, Life Sciences, Indiana State University

Research advisor for 26 undergraduate research students, Life Sciences, Indiana State University

Research advisor for 8 high school research students, Life Sciences, Indiana State University

## RESEARCH

***Research interests:*** Stem Cells, Embryology and Developmental Biology; Signal Transduction & Gene Expression, Cell Differentiation & Development, Cancer; Radiation Biosafety; Technology in Teaching and Research; Science Policy; Science Education; Bioethics.

## FUNDED GRANTS and CONTRACTS (at Indiana State University)

### Extramural Grants, Gifts, and Contracts

Pitman-Moore, Inc.; 12/89; \$10,000; co-PI with JP Hughes, Group on Regulation of Immune Function equipment grant

National Institutes of Health—NIDDKD, 1R15 DK41440-01; 5/1/89-4/30/92; \$92,810; co-PI with JP Hughes, “Phosphorylation of lipocortins by prolactin and IL-2”

National Institutes of Health—NIGMS, 1R15 GM47598-01; 5/1/92-4/30/95; \$94,782; PI, with JP Hughes, “Stathmin and p11 mediate actions of NGF and prolactin”

U.S. Dept. of Agriculture, 94-37311-1191; 9/15/94-9/14/96; \$36,000; co-PI with Tim Mulkey, “Role of stathmin phosphorylation during growth and development in *Zea mays* L.”

Fraternal Order of Eagles, JP Hughes and DA Prentice, Art Ehrmann Cancer Fund; 1 November 1999; \$5,000; “Identification of Cancer-Causing Genes Regulated by Stathmin”

National Institutes of Health; Indiana University School of Medicine, Indiana University-Purdue University at Indianapolis, (collaborative research sub-contract with Dr. David A. Williams); 1 January 2000-31 July 2000; \$11,000; “Molecular and Functional Characterization of a Novel Mutation in Murine Stem Cell Factor”

National Institutes of Health; Indiana University School of Medicine, Indiana University-Purdue University at Indianapolis, (collaborative research sub-contract with Dr. David A. Williams); 1 August 2000-30 June 2001; \$16,000; “Molecular and Functional Characterization of a Novel Mutation in Murine Stem Cell Factor” (*renewal*)

National Institutes of Health; Indiana University School of Medicine, Indiana University-Purdue University at Indianapolis, (collaborative research sub-contract with Dr. David A. Williams); 1 July 2001-31 December 2001; \$13,000; “Molecular and Functional Characterization of a Novel Mutation in Murine Stem Cell Factor” (*renewal*)

### Intramural Grants

Group on Regulation of Immune Function (GRIF), J.P. Hughes and D.A. Prentice, co-directors) ISU Foundation; 10/1/86-6/30/88; \$37,700; “Regulation of Immune Function”.

Group on Regulation of Immune Function (GRIF), J.P. Hughes and D.A. Prentice, co-directors) ISU Foundation; 1/1/88-6/30/89; \$30,800; “Regulation of Immune Function”

ISU-University Research Grant; 7/1/94-6/30/95; \$4,250; “Characterization of prolactin-induced genes in the Nb2 lymphoma”

ISU-University Research Grant; 1 January 2000-30 June 2001; \$4,600; “Stathmin Interaction with Oncoproteins”

ISU-Arts & Sciences Faculty Research Incentive Fund; J.P. Hughes and D.A. Prentice; 30 March 2003-15 June 2003; \$1,000; “SCG10 and Humanin”

<b>PUBLICATIONS</b>
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**PEER-REVIEWED SCIENTIFIC ARTICLES**

1. Prentice, D.A., Taylor, S.E., Newmark, M.Z. and Kitos, P.A. (1978) The effects of dexamethasone on histone phosphorylation in L cells. *Biochem. Biophys. Res. Comm* 85, 541-550.
2. Prentice, D.A., Loechel, S.C. and Kitos, P.A. (1982) Histone H2A phosphorylation: functional considerations. *Biochemistry* 21, 2412-2420.
3. Gurley, L.R., Valdez, J.G., Prentice, D.A. and Spall, W.D. (1983) Histone fractionation by high performance liquid chromatography. *Anal. Biochem.* 129, 132-144.
4. Gurley, L.R., Prentice, D.A., Valdez, J.G. and Spall, W.D. (1983) Histone fractionation by high performance liquid chromatography on cyanoalkylsilane (CN) reverse phase columns. *Anal. Biochem.* 131, 465-477.
5. Gurley, L.R., Prentice, D.A., Valdez, J.G. and Spall, W.D. (1983) High performance liquid chromatography of chromatin histones. *J. Chromatography* 266, 609-627.
6. Prentice, D.A. and Gurley, L.R. (1983) Nuclease digestibility of chromatin is affected by nuclei isolation procedures. *Biochim. Biophys. Acta* 740, 134-144.
7. D'Anna, J.A. and Prentice, D.A. (1983) Chromatin structural changes in synchronized cells blocked in early S phase by sequential use of isoleucine deprivation and hydroxyurea blockade. *Biochemistry* 22, 5631-5640.
8. Prentice, D.A., Tobey, R.A. and Gurley, L.R. (1983) DNase I and cellular factors that affect chromatin structure. *Biochim. Biophys. Acta* 741, 288-296.
9. Gurley, L.R., D'Anna, J.A., Blumenfeld, M., Valdez, J.G., Sebring, R.J., Donahue, D.K., Prentice, D.A. and Spall, W.D. (1984) Preparation of histone variants and HMG proteins by reverse-phase high-performance liquid chromatography. *J. Chromatography* 297, 147-165.
10. Prentice, D.A., Tobey, R.A. and Gurley, L.R. (1985) Cell cycle variations in chromatin structure detected by DNase I. *Experimental Cell Research* 157, 242-252.
11. Prentice, D.A., Kitos, P.A. and Gurley, L.R. (1985) Effects of phosphatase inhibitors on nuclease activity. *Cell Biol. Intl. Reports* 9, 1027-1034.
12. Sun, F-Z., Prentice, D.A. and Steinberger, A. (1986) The effect of castration and androgen replacement on rat pituitary follicle stimulating hormone investigated by reversed-phase high performance liquid chromatography. *Andrologia* 18, 259-267.
13. Rayhel, E.J., Corzo, M., Svihla, D., Moore, R., Noblitt, T., Wallin, E., Layher, J., Shenk, B., Prentice, D.A. and Hughes, J.P. (1987) The effects of novel growth factors on T-lymphocyte proliferation. *Proc. Indiana Acad. Sci.* 97, 137-142.
14. Rayhel, E.J., Prentice, D.A., Tabor, P.S., Flurkey, W.H., Geib, R.W., Laherty, R.F., Schnitzer, S.S., Chen, R. and Hughes, J.P. (1988) Inhibition of Nb2 T-lymphoma cell growth by transforming growth factor- $\beta$ . *Biochem. J.* 253, 295-298.
15. Rayhel, E.J., Hughes, J.P., Svihla, D.A. and Prentice, D.A. (1990) Growth and protein phosphorylation in the Nb2 lymphoma: Effect of prolactin, cAMP and agents that activate adenylate cyclase. *J. Cell. Biochem.* 43, 327-337.
16. Fox, M.T., Prentice, D.A. and Hughes, J.P., (1991) Increases in p11 and annexin II proteins correlate with differentiation in the PC12 pheochromocytoma. *Biochem. Biophys. Res. Comm.* 177, 1188-1193.

17. Meyer, N., Prentice, D.A., Fox, M.T. and Hughes, J.P. (1992) Prolactin-induced proliferation of the Nb2 T-lymphoma is associated with protein kinase-C-independent phosphorylation of stathmin. *Endocrinology* 131, 1977-1984.
18. Flurkey, W.H., Prentice, D.A., Fox, M.T. and Hughes, J.P. (1993) Stathmin in mung bean leaves and rat brain. *Biochem. Biophys. Res. Comm.* 196, 589-595.
19. Flurkey, W.H., Kelley, M., Hughes, J.P., Mulkey, T.J. and Prentice, D.A. (1998) Identification of stathmin-like proteins in plants. *Plant Physiology and Biochemistry* 36, 449-455.
20. Prentice, D.A. (1998) Spinning Biology's Web: Use of the World Wide Web for Course Supplements and On-Line Courses. In "Enhancements: How Using Technology Changes What Faculty Do", Nancy Millichap, Ed. (Indiana Higher Education Telecommunication System; Indianapolis, IN); pp. 53-57
21. Prentice, D.A. (2001) "Brave New World of Genetic Engineering", in "Ethics and Genetics", *National Catholic Bioethics Quarterly* Vol. 1, No. 4, 529-539.
22. Ko, W., Johnson, M.T., Prentice, D.A., Hughes, J.P. (2001) Stathmin expression in the placenta and embryonic brain. *Proceedings of the Indiana Academy of Science* 110, 35-40.
23. Prentice, D.A. (2001) "The Case Against Federal Funding of Human Embryonic Stem Cell Research", *Yale Journal of Health Policy, Law, and Ethics*, Vol. II, Issue 1, pp. 201-209; Fall
24. King, C.S., Ko, W., Aloor, J.J., Prentice, D.A., Hughes, J.P. (2003) Stathmin binds Hsp70 in the Nb2 lymphoma. *Proceedings of the Indiana Academy of Science* 112, 1-8.
25. Chandra S., Kapur R., Chuzhanova N., Summey, V., Prentice D.A., Barker J., Cooper D., Williams D.A. (2003) A rare complex DNA rearrangement in the murine *Steel* gene results in exon duplication and a lethal phenotype. *Blood* 102, 3548-3555; 15 Nov 2003. Prepublished online 24 July 2003 (Featured cover article <http://bloodjournal.hematologylibrary.org/content/102/10.cover-expansion>)
26. Prentice, D.A. (2003) Science and Ethics: The Intertwined Debate on Stem Cells. *Journal of Family and Consumer Sciences*.vol 95, issue 4, 6-7; November.
27. Whitaker, J.O., Jr., Dannelly, H.K. and Prentice, D.A. (2004) Chitinase in Insectivorous Bats. *Journal of Mammalogy* 85, no. 1, 15-18.
28. Prentice D.A. (2004) "Adult Stem Cells", *Issues in Law & Medicine* 19, number 3, 265-294, Spring 2004
29. Prentice, D.A. (2004) Cloning and Culture: Legislation at home and abroad. *Georgetown Journal of International Affairs* Volume V Issue 2, 65-72.
30. Prentice DA. (2006) The Current Science of Regenerative Medicine with Stem Cells, *Journal of Investigative Medicine* 54, 33-37, January 2006
31. Prentice DA and Tarne G (2007) Treating Diseases with Adult Stem Cells. *Science* 315, 328, 19 January 2007.  
Supporting Online Material published at: [www.sciencemag.org/cgi/content/full/315/5810/328b/DC1](http://www.sciencemag.org/cgi/content/full/315/5810/328b/DC1)
32. Prentice DA and Tarne G (2007) Adult versus embryonic stem cells: Treatments. *Science* 316, 1422-1423, 8 June 2007; Supporting Online Material:  
[www.sciencemag.org/cgi/content/full/316/5830/1422b/DC1](http://www.sciencemag.org/cgi/content/full/316/5830/1422b/DC1)
33. Prentice DA (2012) Remembering Pioneers in Patient Treatments. *J. Tissue Sci. Eng.* 3:e119, 1000e119; DOI: [10.4172/2157-7552.1000e119](https://doi.org/10.4172/2157-7552.1000e119)
34. Prentice DA (2015) Science Notes: Induced Pluripotent Stem Cells: Ready or Not for the Clinic? *The National Catholic Bioethics Quarterly* vol. 15, no. 2, pages 365-379, 2015, DOI: 10.5840/ncbq201515234

35. Prentice DA (2015) Science Notes: Over One Million Served—with Adult Stem Cells, *The National Catholic Bioethics Quarterly* vol. 15, no. 3, pages 563-576, 2015, DOI: 10.5840/ncbq201515352
36. Prentice DA (2015) Science Notes: Organ(oid) Recital, *The National Catholic Bioethics Quarterly* vol. 15, no. 4, pages 737-749, 2015, DOI: 10.5840/ncbq201515473
37. Prentice DA (2016) Science Notes: Gene Editing of Cells for Correction of Muscular Dystrophy, *The National Catholic Bioethics Quarterly* vol. 16, no. 1, pages 141-155, 2016, DOI: 10.5840/ncbq201616112
38. Prentice DA (2016) Science Notes: Organoids, Zika, Regenerating Vision, *The National Catholic Bioethics Quarterly* vol. 16, no. 2, pages 303-313, DOI: 10.5840/ncbq201616226
39. Prentice DA (2016) Science Notes: Stroke of Success for Adult Stem Cells, *The National Catholic Bioethics Quarterly* vol. 16, no. 3, pages 487-503, DOI: 10.5840/ncbq201616344
40. Prentice DA (2016) Science Notes: Young Brains Continue to Grow, *The National Catholic Bioethics Quarterly* vol. 16, no. 4, pages 679-692, DOI: 10.5840/ncbq201616463
41. Prentice DA (2017) Science Notes: Adult Stem Cells Get on Patients' Nerves, *The National Catholic Bioethics Quarterly* vol. 17, no. 1, pages 131-142, DOI: 10.5840/ncbq201717111
42. Prentice DA (2017). Testimony in Support of Indiana Senate Bill 334, A Bill to Prohibit Prenatal Discrimination by Prohibiting Abortion Based on Sex Selection or Genetic Abnormality, *Issues in Law & Medicine* 32(1), 105–111.
43. Prentice David A (2017) The Genetic Engineering of Animals and Plants and the Boundaries of Stewardship, *The National Catholic Bioethics Quarterly* vol. 17, no. 1, pages 65-81, DOI: 10.5840/ncbq201717117
44. Prentice DA (2017) Science Notes: Swapping Healthy Genes for Mutated Ones, *The National Catholic Bioethics Quarterly* vol. 17, no. 2, pages 311 - 321, 2017, DOI: 10.5840/ncbq201717229
45. Prentice DA (2017) Science Notes: Laboratory-Grown Mature Blood Cells from Stem Cells, *The National Catholic Bioethics Quarterly* vol. 17, no. 3, pages 505 - 519, 2017, DOI: 10.5840/ncbq201717349
46. Studnicki, J., Fisher, J. W, Donovan, C.A., Prentice, D.A., and MacKinnon, S.J. (2017) Improving Maternal Mortality: Comprehensive Reporting for All Pregnancy Outcomes, *Open Journal of Preventive Medicine* 7, 162-181, August 2017, doi: 10.4236/ojpm.2017.78013
47. Prentice DA (2017) 3-Parent Embryos, Gene Edited Babies and the Human Future, *Issues in Law & Medicine* 32(2), 233-240
48. Prentice DA (2017) Science Notes: Adult Stem Cells Heal Hearts, *The National Catholic Bioethics Quarterly* vol. 17, no. 3, pages 685 - 698, 2017, DOI: 10.5840/ncbq201717469
49. Prentice DA (2018) Science Notes: Adult Stem Cells and Gene Editing Grow Healthy Skin, *The National Catholic Bioethics Quarterly* vol. 18, no. 1, pages 143 – 154, 2018, DOI: 10.5840/ncbq201818112
50. Prentice DA (2018) Science Notes: Organoids Continue Developing, *The National Catholic Bioethics Quarterly* vol. 18, no. 2, pages 331 – 341, 2018, DOI: 10.5840/ncbq201818230
51. Dawn B, Prentice DA, Mitchell JW, Soder RP (2018) Meeting Report and Perspectives: The 5th Annual Midwest Conference on Cell Therapy and Regenerative Medicine, *Circulation Research* 123, 21-23, 22 June 2018, DOI: [10.1161/CIRCRESAHA.118.310765](https://doi.org/10.1161/CIRCRESAHA.118.310765)
52. Prentice DA (2019) Adult Stem Cells: Successful Standard for Regenerative Medicine, *Circulation Research* 124, 837-839, 15 March 2019; DOI: [10.1161/CIRCRESAHA.118.313664](https://doi.org/10.1161/CIRCRESAHA.118.313664)

53. Tara Sander Lee, Maria B. Feeney, Kathleen M. Schmainda, James L. Sherley and David A. Prentice (2020) Human Fetal Tissue from Elective Abortions in Research and Medicine: Science, Ethics, and the Law, *Issues in Law & Medicine* 35(1), 3-61
54. AAPLOG Research Committee (2025) Committee Opinion 12 – Ethical Treatment of Human Embryos, *Issues in Law & Medicine* 40 (1), 48-76, doi: [10.70257/MZYZ1423](https://doi.org/10.70257/MZYZ1423)

### **BOOKS, BOOK CHAPTERS, MONOGRAPHS**

- Prentice, D.A., Tobey, R.A. and Gurley, L.R. (1983) “Probing chromatin structure with DNase I” **REPORT** *In: The Los Alamos Life Sciences Division's Biomedical and Environmental Research Programs* (M.D. Enger and C.G. Stafford, eds.), Los Alamos National Laboratory Report, LA-9816-PR, pp. 4-6.
- Gurley, L.R., Spall, W.D., Valdez, J.G., Jackson, P.S., Prentice, D.A., Blumenfeld, M., Meyne, J. and Ray, F.A. (1990) “HPLC of Histones”, **CHAPTER** *In: HPLC of Biological Macromolecules: Methods and Applications* (K.M. Gooding and F. Regnier, eds.), Marcel Dekker, Inc., NY; Chapter 20, pp. 529-570.
- Prentice, D.A. (2002) *Stem Cells and Cloning*, 1<sup>st</sup> edition, (Michael A. Palladino, series ed.), Pearson Education/Benjamin-Cummings (ISBN 0-8053-4864-6); 40pp. **BOOK** Published July 2, 2002
- Prentice, D.A. (2003) “Ethics and Biotechnology”, **CHAPTER** *In Introduction to Biotechnology*, William J. Thieman and Michael A. Palladino, eds., Pearson Education/Benjamin-Cummings (ISBN: 0-8053-4825-5); pp. 287-304. Published 8 August 2003
- Prentice, D.A. (2003) “The Present and Future of Stem Cell Research: Scientific, Ethical and Public Policy Perspectives”, **CHAPTER** *in Stem Cell Research: New Frontiers in Science and Ethics* (Nancy E. Snow, ed.), Notre Dame, IN: University of Notre Dame Press, (ISBN 0-268-01778-6); 2003.
- Prentice, D. (2004) “Adult Stem Cells.” Appendix K, **CHAPTER** in *Monitoring Stem Cell Research: A Report of the President's Council on Bioethics*, 309-346. Washington, D.C.: Government Printing Office, 2004. [Online version, 2004](#)
- Prentice, D.A. (2004) “The Biotech Revolution: Major Issues in the Biosciences”, **CHAPTER** *In: Human Dignity in the Biotech Century* (Charles Colson and Nigel Cameron, eds.), Downers Grove, IL: InterVarsity Press, (ISBN 0-8308-2783-8); July 2004
- Prentice DA. (2007) “Cell Division and Growth”, **TEXTBOOK CHAPTER** in: *Applied Cell and Molecular Biology for Engineers*, (Waite LR and Waite GN, eds.), New York, NY: McGraw-Hill; (ISBN-13: 978-0-07-147242-5; ISBN-10: 0-07-147242-8); pp. 209-232, June 2007
- Prentice D (2010) “Ethical Stem Cell Research Succeeds”, *Ethics and Medics* Vol. 35 No. 12 page 1, December 2010
- David Prentice and Rosa Macrito (2013) “Stem Cells, Cloning and Human Embryos: Understanding the Ethics and Opportunity of Scientific Research”, Family Research Council, Washington, D.C., **BOOKLET** 22pp
- Prentice DA (2014) **Comment** to FDA Cellular, Tissue and Gene Therapies Advisory Committee on proposed oocyte modification and mitochondrial replacement techniques; FRC, Washington, DC; 4pp; [written comment](#) October 15, 2013; [oral comment](#) (pp. 191 thru 194 of transcript) February 25, 2014
- Prentice DA (2014) **Comment** to Human Fertilization and Embryo Authority (HFEA), UK, Call for evidence: Update to scientific review of the methods to avoid mitochondrial disease; 21 March 2014; 5pp; [noted in committee report](#), p. 42; evidence [published by HFEA](#) (noted on p. 1; evidence on pp. 13-17)

- Prentice DA (2014) **Written evidence** submitted to the UK House of Commons, Science and Technology Committee, regarding evidence hearing on Mitochondrial Donation, 22 October 2014. [UK Published written evidence](#); see pp. 54-58.
- David A. Prentice (26 June 2015) “3-Parent Embryos” and “Gene-Edited Babies”: A Visual Aid, Charlotte Lozier Institute, Washington, D.C., **PRIMER** 6pp; Accessible at: <https://www.lozierinstitute.org/3-parent-embryos-and-gene-edited-babies-a-visual-aid/>
- David A. Prentice (27 July 2015 Updated 11/30/2016) “History of Fetal Tissue Research and Transplants”, Charlotte Lozier Institute, Washington, D.C., **BACKGROUND** 3pp; Accessible at: <https://www.lozierinstitute.org/history-of-fetal-tissue-research-and-transplants/>
- Prentice David A (2016) **Written evidence** submitted to the UK House of Commons, Science and Technology Committee, regarding evidence inquiry on Regenerative Medicine, 31 May 2016. [UK Published written evidence](#).
- Prentice David A and Christensen David (2016) **Comment** on NIH Proposal to Fund Human-Animal Chimeras, 6 September 2016. [Charlotte Lozier Institute published comment](#)
- Sherley, JL and Prentice, DA. May 2020. An Ethics Assessment of COVID-19 Vaccine Programs. On Point Series 46. Updated June 19, 2020. Accessed at: <https://lozierinstitute.org/an-ethics-assessment-of-covid-19-vaccine-programs/>
- Prentice, DA and Sander Lee, T. (June 2020.) A Visual Aid to Viral Infection and Vaccine Production. *On Science Series issue 1*. Accessible at: <https://lozierinstitute.org/a-visual-aid-to-viral-infection-and-vaccine-production/>
- David Prentice and Tara Sander Lee (December 2020) What you need to know about the COVID-19 vaccines. Accessed at: <https://lozierinstitute.org/what-you-need-to-know-about-the-covid-19-vaccine/>
- Update: COVID-19 Vaccine Candidates and Abortion-Derived Cell Lines; last updated 2 June 2021. Accessed at: <http://lozierinstitute.org/wp-content/uploads/2020/12/CHART-Analysis-of-COVID-19-Vaccines-02June21.pdf>
- Cell Lines Used for Viral Vaccine Production (January 4, 2021) Accessed at: <https://lozierinstitute.org/cell-lines-used-for-viral-vaccine-production/>
- David Prentice and Tara Sander Lee (April 16, 2021) CLI **Comment**: HHS Proposed Rule Fetal Tissue Regulations. Accessed at: <https://lozierinstitute.org/cli-comment-hhs-proposed-rule-fetal-tissue-regulations/>
- David A. Prentice and Tara Sander Lee (May 3, 2022) Alternatives to Using Aborted Fetal Tissue for Research. *In*: Fetal Tissue Research and Christian Bioethics: A Review of the Scientific Developments, Policy Landscape, and Ethical Considerations, E.R. Grant, M. Sleasman, H. Zeiger, eds. Center for Bioethics and Human Dignity. Accessed at: <https://www.cbhd.org/cbhd-resources/alternatives-to-using-aborted-fetal-tissue-for-research>
- David A. Prentice (May 3, 2022) Regulation of Human Fetal Tissue Research in the United States. *In*: Fetal Tissue Research and Christian Bioethics: A Review of the Scientific Developments, Policy Landscape, and Ethical Considerations, E.R. Grant, M. Sleasman, H. Zeiger, eds. Center for Bioethics and Human Dignity. Accessed at: <https://www.cbhd.org/cbhd-resources/regulation-of-human-fetal-tissue-research-in-the-united-states>
- Tara Sander Lee and David A. Prentice (2023) **Comment** to Human Fertilization and Embryo Authority (HFEA), UK; Response to HFEA consultation: [Modernising the regulation of fertility treatment and research involving human embryos](#); 14 April 2023; 4pp; [comment noted here](#)

David A. Prentice (November 23, 2023) **Comment** submitted on behalf of Charlotte Lozier Institute to NIH, response to [Request for Information \(RFI\): Inviting Comments and Suggestions on Updating the NIH Mission Statement](#), NOT-OD-23-163

David A. Prentice (2024) *The Facts of Life: A Review of the Science and Ethics of IVF*; Published at [dprentice.org](https://dprentice.org) December 2024 (original draft March 2024). Accessed at: <https://dprentice.org/wp-content/uploads/2024/12/The-Facts-of-Life-A-Review-of-the-Science-and-Ethics-of-IVF-Prentice-Dec24.pdf>

### **COMMENTARIES & POPULAR PRESS (examples)**

David A. Prentice. “[Stem Cell Research Alternative](#)”, Letter to the Editor, *The Wall Street Journal*, June 20, 2001

David Prentice (2004) “[The Real Promise of Stem Cell Research](#)”, originally published at [HealthNewsDigest .com](http://HealthNewsDigest.com), June 14, 2004

David Prentice (2005) “[Live Patients & Dead Mice](#)”, published in *Christianity Today*, October 2005

David Prentice and Clarke Forsythe (2009) “Wasting Tax Dollars on the Wrong Research”, [published in Human Events](#), published March 20, 2009

David Prentice and David Christensen (2010) “Stem Cell Ruling Could Focus Funding on Treatments”, [published in Human Events](#), September 7, 2010

Rep. Randy Forbes and David Prentice (2010) “Stem-Cell Health Care Must Put the Patients First”, [published in Roll Call](#), published March 22, 2010

Jennifer Lahl, David Prentice, Mike Jestes (2010) “Donor bill would help prevent exploitation”, [published in NewsOK](#), March 17, 2010

Gene Tarne and David Prentice (2010) “Playing Politics with Stem Cells”, [published in American Thinker](#), published August 8, 2010

David Prentice (2012) “Obama Administration Belittles Bioethical Concerns”, [Issue Brief published online](#) June 2012

Bob Morrison and David Prentice (2012) “Pro-Lifers, Rejoice: We Won!” [Published in cnsnews.com](#), November 5, 2012

David Prentice and Samuel B. Casey (2013) “[Flouting the law barring embryo research](#)”, published in *Washington Times*, published 13 January 2013

David Prentice and Maureen L. Condit (2013) “Science 101: Induced Pluripotent Stem Cells are Not Human Embryos”, [published in Lifeneews.com](#), published September 4, 2013

Anna Higgins and David Prentice (2013) “Erring on the side of the living”, [published in Washington Times](#), October 8, 2013

David Prentice (2014) “[Researchers harvest stem cells from cloned human embryos](#)”, [CMDA comment published](#) April 24, 2014

Sen. Dr. Bill Cassidy and David A. Prentice (2015) “[Planned Parenthood’s defense of using fetal organs to ‘treat and cure’ is a sham](#)” *Washington Times* October 11, 2015

David A. Prentice (2015) “[Modest but Meaningful Protection from Human Embryo Genetic Manipulation](#)”, [Townhall.com](http://Townhall.com), Dec 17, 2015

David A. Prentice (2016) “[Growing Human Embryos Outside the Womb: New Record, Old Questions](#)” [CMDA comment published](#) 11 May 2016

- David Prentice (2016) “Adult Stem Cells: The Best Kept Secret In Medicine”, [published in The Daily Caller](#), published 22 August 2016.
- David A. Prentice (2016) “Modern Chimeras: Down on the Organ Farm, or Marooned on the Island of Dr. Moreau?” [CMDA comment published](#) 8 September 2016.
- David A. Prentice (2016) “Techno Babies: Some Assembly Required?” [CMDA comment published](#) 10 November 2016.
- Rep. Dr. Michael Burgess and David Prentice (2016) “[Let Congress know to take it slow on human gene editing](#)” Dallas Morning News, December 28, 2016
- David A. Prentice (2017) “Science or Ethics?” [CMDA comment published](#) 12 January 2017
- David A. Prentice (2017) ‘O Brave New World’ *Columbia* vol. 97, no. 1, January 2017
- David A. Prentice (2017) “More Good News with Adult Stem Cells for Patients” [CMDA comment published](#) 8 March 2017
- David A. Prentice (2017) “[We need a new NIH director](#)” *USA Today* April 25, 2017
- David A. Prentice (2017) “[Backgrounder: We Need a New NIH director](#)” CLI information sheet April 25, 2017
- David A. Prentice (2017) “[Artificial Wombs and Modern Incubators](#)” CMDA comment published May 11, 2017
- David A. Prentice (2017) “[Life—Artificial or Natural?](#)” CMDA comment published July 13, 2017
- David A. Prentice (2017) “[Gene Editing to Make Better Human Beings?](#)” CMDA comment published September 14, 2017
- Rep. Jim Banks and David A. Prentice (2017) “[Seeking pro-life leadership at the National Institutes of Health](#)” *Washington Times* September 19, 2017
- David A. Prentice (2017) “[Exciting Technologies and Ethical Applications](#)” CMDA comment published November 9, 2017
- David A. Prentice (2017) “[Adult Stem Cells and Gene Therapy Save a Young Boy](#)” CLI blog post November 16, 2017
- David A. Prentice (2018) “Organoids for Medicine” [CMDA comment published](#) March 8, 2018
- David A. Prentice (2018) “Aging, Stem Cells and Aging Stem Cells” [CMDA comment published](#) May 9, 2018
- David A. Prentice (2018) “[An Embryo By Any Other Name](#)” CMDA comment published July 12, 2018
- David A. Prentice (2018) [Gene Editing of Human Beings](#), *Today’s Christian Doctor* vol. 49, no. 2, pages 24-27, Summer 2018
- Governor Jeff Colyer M.D. and David Prentice Ph.D. (2018) [Supreme Court May Take Major Case to Decide if States Can Defund Planned Parenthood](#), LifeNews.com, Aug 2, 2018
- David A. Prentice (2018) “[The Quality Control of Life](#)” [CMDA comment published](#) September 13, 2018
- David A. Prentice (2018) “[Treating Patients or Creating New Patients with Technology](#)” CMDA comment published November 8, 2018
- David A. Prentice and Tara Sander Lee (2019) “[Unique from Day One](#)” *Columbia* vol. 99, no. 1, page 21, January 2019
- David A. Prentice (2019) “[Better Science Without the Ideology of Fetal Tissue](#)” CMDA comment published January 10, 2019

- David A. Prentice (2019) “[Adult Stem Cells Are The Gold Standard](#)” CMDA comment published March 28, 2019
- Tara Sander Lee and David Prentice (2019) “[Banning Fetal Tissue Research Isn’t Bad for Science. It’s an Opportunity](#)”, Daily Signal, April 22, 2019
- David A. Prentice (2019) “[Making Lifesaving Choices](#)” CMDA comment published May 9, 2019
- Rep. Jim Banks and David A. Prentice (2019) [Follow states’ lead and block fetal tissue in research](#), Washington Times, May 30, 2019
- David A. Prentice (2019) “[Actually Making Better Human Beings](#)” CMDA comment published Sept 12, 2019
- David A. Prentice (2019) “[Medical Breakthroughs Follow Ethical Choices](#)” CMDA comment published Nov 14, 2019
- David A. Prentice (2019) “[How extremely preterm babies can survive and thrive](#)” Washington Times, Nov 14, 2019
- David A. Prentice (2020) “[Will Anyone Consider the Ethics of Genetically Engineered Humans?](#)” CMDA comment published Jan 9, 2020
- Charlotte Lozier Institute (2020) “[Don’t Listen to Doomsayers on Trump’s Fetal Tissue Research Ban](#)” CNSNews.com, Feb 14, 2020
- David A. Prentice (2020) “[Science, Reason and Mercy: The Reality of Fetal Pain](#)” Westernjournal.com, Feb 27, 2020
- David A. Prentice (2020) “[Ethics, Science and Ethical Science](#)” CMDA comment published March 12, 2020
- David A. Prentice and Tara Sander Lee (2020) “[Exploiting a Crisis: Unethical Experiments Undermine Real Help for Coronavirus Patients](#)” Townhall.com, March 26, 2020
- David A. Prentice (2020) “[Immunizing Conscience](#)” CMDA comment published May 18, 2020
- Tara Sander Lee and David Prentice (2021) “[A Grim Reminder That Fetal Tissue Market Is Still Open for Business](#)” The Daily Signal, March 4, 2021
- David A. Prentice (2021) “[Human Bioengineering: Made in the Image of Whom?](#)” CMDA comment published March 11, 2021
- Tara Sander Lee, Ph.D., David A. Prentice, Ph.D., Lila Rose (2021) “[Policy Makers Must Prevent Unethical ‘Baby in a Bottle’ Science Experiments](#)” *Newsweek*, May 7, 2021.
- David A. Prentice (2021) “[No Time for Complacency, Speak Up for Ethical Science](#)” CMDA comment published May 18, 2021
- Marjorie Dannenfelser and David Prentice (2021) “[This Key Barrier to Experimenting on America’s Youngest Humans Is Now at Risk](#)” CBN News, July 7, 2021
- David A. Prentice (2021) “[Real Regulation of Human Embryo Experiments](#)” CMDA comment published July 8, 2021
- David A. Prentice (2021) “[If I Only Had a Heart...](#)” CMDA comment published Nov 16, 2021
- David A. Prentice (2021) “[Roe v. Wade: Unscientific and outdated](#)” Christian Post, Nov 23, 2021
- David A. Prentice (2022) “[Ample Alternatives to Fetal Failures](#)” CMDA comment published Feb 7, 2022
- David A. Prentice (2023) “[Who Counts? Bioethics, Biomedicine and Exploitation of Nascent Human Beings](#)” CMDA comment published July 24, 2023

David A. Prentice (2024) “[Stopping the Pain and Saving Lives: Successful Treatments for Sickle Cell Disease](#)” CMDA comment published January 10, 2024

David A. Prentice (2024) “[Fetal Care Versus Fatal Cure](#)” CMDA comment published November 18, 2024

Chuck Donovan and David Prentice (2025) “[14 Questions for the White House on IVF](#)” The Washington Stand published February 25, 2025

### **LEGAL ACTIONS**

2001 Co-Plaintiff in *Nightlight Christian Adoptions, et al. v. Thompson, et al.*

Complaint for Declaratory and Injunctive Relief at 2, *Nightlight Christian Adoptions v. Thompson*, No. 1:01 CV 00502-RCL (D.D.C. Mar. 8, 2001).

Outcomes:

Order granting stipulated stay, effective moratorium on federal funding of human embryonic stem cell research.

First presidential address to the nation by GW Bush, on topic of stem cells and embryos.

Withdrawal of NIH Guidelines allowing funding of embryonic stem cell research, required new, more restrictive guidelines.

2016 Declaration supporting State of Indiana, in defense of Indiana House Enrolled Act 1337, prohibiting fetal tissue research. No. 1:16-cv-1289-JMS-DML

2017 Expert Report Regarding Fetal Tissue Research and Ethics

The Indiana law was upheld.

In addition, significant experience drafting and analyzing legislation for federal and state policymakers, as well as for international policymakers.

<b><i>Representative INVITED PRESENTATIONS (over 1,200 talks since Feb 2000)</i></b>
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1. “Studies on chromatin structure and its histone proteins.” Institute for Developmental Research, Children's Hospital Medical Center, University of Cincinnati, Cincinnati, OH; 1983.
2. “Lipocortin II mediates some actions of prolactin in Nb2 cells.” Genzyme Corporation, Framingham, MA; 1990.
3. “Stathmin: Ubiquitous Signal Transduction Relay Protein.” Dept. of Biochemistry, Kansas State University, Manhattan, KS, 1997.
4. “The Promise of Adult Stem Cells.” Congressional Briefing, U.S. Capitol, July 30, 1999.
5. “Adult Stem Cells—The Ethical Alternative.” Invited scientific testimony for hearing on “Stem Cell Research”, United States Senate Appropriations Subcommittee on Labor, Health and Human Services, Education; September 7, 2000. [Congressional Record](#)
6. “The Impact of Ethical Issues on the Development of Stem Cell Technology.” Invited panel presentation Oct. 24, 2000, National Conference of Biotechnology Ventures, sponsored by Oxford Bioscience Partners, San Francisco, CA; October 23-25, 2000.
7. “Ethics of Cloning” Oversight Hearing. Invited Testimony to U.S. House Judiciary Subcommittee on Crime, June 7, 2001. [Congressional Record](#)
8. “Alternatives to Research on Human Embryonic Stem Cells”. Invited presentation, National Academy of Sciences USA, workshop on “[Stem Cells and the Future of Regenerative Medicine](#)”, Washington, DC. June 22, 2001.
9. “Opportunities and Advancements in Stem Cell Research”. Invited Testimony, U.S. House Government Reform Subcommittee on Criminal Justice, Drug Policy, and Human Resources; July 17, 2001. [Congressional Record](#)
10. “The Science and Ethics of Stem Cells and Cloning”. [Invited testimony](#), British House of Lords Select Committee, London, UK; Nov 19, 2001
11. “Stem Cells, Cloning, and the Brave New World”. Invited talk, European Parliament Conference on Bioethics and Biotechnology, Brussels, Belgium; Nov 20, 2001
12. “Scientifically Valid Alternatives to Embryonic Stem Cells”. Invited testimony, Standing Committee on Health, Canadian House of Commons, Ottawa, Canada; Nov 28, 2001
13. “Scientific Perspectives on Stem Cells and Human Cloning”. Invited Testimony, Health Committee, Wisconsin State Assembly, Madison, WI; Jan 25, 2002.
14. “Scientific Perspectives on Human Cloning”. Invited testimony, House Health Committee, Arizona State Legislature, Phoenix, AZ; Feb 18, 2002.
15. “Scientific Perspectives on Human Cloning”. Invited Testimony, Senate Judiciary Committee, Legislature of the Commonwealth of Kentucky, Frankfort, KY; Mar 20, 2002.
16. “Human Stem Cell Research: Problems and Prospects”. Invited panel presentation, Northwestern University, Evanston, IL; April 6, 2002
17. “Scientific Perspectives on Human Cloning”. Invited Testimony, Conference Committee Hearing, South Carolina State Legislature, Columbia, SC; June 3, 2002
18. “Alternatives to Embryo Research”. Invited talk, National Party Briefing, Parliament House, Canberra, Australia; Aug 19, 2002

19. “Alternatives to Embryo Research”. Invited talk, Legislator’s Breakfast Meeting, Parliament House, Canberra, Australia; Aug 20, 2002 (approx 23 ministers, senators, and MPs, incl. Deputy Prime Minister John Anderson, Minister for Ageing Kevin Andrews, Minister for Employment & Workplace Relations Tony Abbott)
20. “Embryo Research and Alternatives”. Invited testimony, Standing Committee on Health, House of Commons, Canadian Parliament, Ottawa, Canada; Dec 3, 2002
21. “Cloning Legislation in the U.S.”. Invited talk, Bundestag forum, Bayrische Landesvertretung, Berlin, Germany; Jan 28, 2003
22. “Scientific Basis for Cell and Tissue Therapy”. Invited scientific presentation, European Parliament Public Hearing on Quality and Safety of Human Tissues and Cells, Brussels, Belgium; Jan 29, 2003
23. “Science, Ethics, and Politics of Stem Cell and Cloning Research”. Invited talk, Bioethics forum, French Senate, Paris, France; Jan 31, 2003
24. “The Science of Stem Cell Research and Human Cloning”. Invited talk, Conference on Reproductive Technologies, Dublin, Ireland; Feb 1, 2003
25. “Regulatory Issues Surrounding Human Cloning”. Select invited workshop, American Association for the Advancement of Science, Washington, DC; Mar 11, 2003. [Report](#)
26. “Scientific Overview of Stem Cell Research”. Invited talk, Clinical Research 2003 Meeting, American Federation of Medical Research, Baltimore, MD; Mar 16, 2003
27. “The Science of Human Cloning”. Invited testimony, Committee on Regulated Industries, Texas State House of Representatives, Austin, TX; Apr 1, 2003.
28. “Adult Stem Cells”. Invited panel discussion, with Dr. John Gearhart, Dr. Rudolf Jaenisch, President’s Council on Bioethics, Washington, DC; July 24, 2003
29. “Scientific Perspectives on Human Cloning-Part 1 and Part 2”. Invited talks, Conference on “Human Cloning, Stem Cell Research, and Medical Ethics”, Capetown, South Africa; July 30-Aug 1, 2003
30. “Science of Human Cloning—Introduction of the draft resolution on Human Cloning before the Sixth Commission”, as Member of the Diplomatic Delegation of the Permanent Mission of Costa Rica to the United Nations, New York, NY; Oct 20, 2003
31. “The Science of Human Cloning”. Ministerio de Relaciones Exteriores y Culto de Costa Rica, San Jose, Costa Rica; Feb 20, 2004
32. “Remaking Humanity: Genetic Engineering”. Eugene W.J. Pearce Lecture, Update 2004 in Obstetrics and Gynecology Meeting, Truman Medical Center, Kansas City, MO; Apr 16, 2004
33. “Scientific Overview of Stem Cell Research”. Stem Cell Panel, Experimental Biology Meeting, Washington, DC; Apr 21, 2004
34. “Science and Ethics of Stem Cells and Human Cloning”. Swedish Parliament, Stockholm, Sweden; May 11, 2004
35. “Science and Ethics of Stem Cells and Human Cloning”. Schweizerische Stiftung für die Familie, Schweizerische Gesellschaft für Bioethik, Bern, Switzerland; May 15, 2004
36. “[Embryonic Stem Cell Research: Exploring the Controversy](#)”. Testimony before U.S. Senate Subcommittee on Science, Technology, and Space, Washington, DC; Sept 29, 2004. [Congressional Record](#)
37. “Genes and Stem Cells”. International Physiological Society, San Diego, CA; April 5, 2005
38. “Law and Ethics in a Brave New World: What Should Government Do About Cloning and Stem Cell Research?” Debate, Harvard Law School, Cambridge, MA; April 15, 2005

39. “Clinical Use of Stem Cells: An Update”. Grand Rounds, University of Tennessee Graduate School of Medicine, Knoxville, TN; June 17, 2005
40. “Scientific Overview of Stem Cell Research”, Experimental Biology meeting, San Francisco; CA, April 2, 2006
41. “Scientific Perspectives on Stem Cell Research”, Johns Hopkins Medical Institute, Baltimore, MD, May 15, 2006
42. “Historical Development of Research on Stem Cells”, Stem Cells: What Future for Therapy?, International Congress, Vatican, Rome, Italy, 14-16 September 2006
43. “Science and Politics of Stem Cell Research” Facultad de Medicina, Universidad de Navarra, Pamplona, España; February 23, 2007
44. “Update on Clinical Use of Stem Cells for Hematologic and Other Diseases” Grand Rounds, Howard University Medical School, Washington, DC; April 10, 2007
45. “Motives, Ethics, and Responsibility in Research” Walter C. Randall Award Lecture, American Physiological Society, Experimental Biology Meeting, Washington, DC; May 1, 2007
46. “Stem Cell Realities for Physicians and Patients” 10<sup>th</sup> Annual Bioethics Symposium, Methodist Healthcare System of San Antonio, San Antonio, TX, October 5, 2007
47. “Clonación Humana y Células Madres” LXIX Congreso Médico Nacional, Colegio de Médicos y Cirujanos de Costa Rica, San Jose, Costa Rica; November 27, 2007 [“Human Cloning and Stem Cells”, 69<sup>th</sup> National Medical Congress, College of Physicians and Surgeons of Costa Rica]
48. “Will the Real Stem Cell Please Stand Up?” Northern Ohio Academy of Pharmacy Annual Conference, May 28, 2008
49. “Wasting Taxpayer Lives & Taxpayer Money with Embryonic Stem Cells”, University College Cork, Cork, Ireland; February 17, 2009
50. “Global Cooperation, Private and Public Banking” Banking on Life: Cord Blood Stem Cells-The Future of Regenerative Medicine conference, San Francisco, CA; May 2, 2009
51. “Current and Potential Clinical Applications of Stem Cells” Avera McKennan Hospital, Sioux Falls, SD; November 19, 2009
52. “Embryonic stem cell research and instrumentalizing the human embryo” Adult Somatic Stem Cells: New Perspectives, 2<sup>nd</sup> International Congress on Responsible Stem Cell Research, Monaco; November 26, 2009
53. “Stem Cell Bioethics: Sources and Challenges” Adult Stem Cells: Science and the Future of Man and Culture, Vatican International Adult Stem Cell Conference, Rome, Italy; November 10, 2011.
54. “Stem Cell Treatments”, [Testimony](#) before the Committee on Health and Human Services, House of Representatives, Kansas Legislature, Topeka, KS; March 5, 2012; [Slides](#)
55. “Living Up to Potential: Prospects for a Midwest Center for Stem Cell Therapy” Joint Legislative hearing, Senate Committee on Public Health & Welfare, House Committee on Health and Human Services, Kansas Legislature, Topeka, KS; February 7&8, 2013; [Written testimony](#)
56. “An Overview of Prenatal Testing Methods, Their Accuracy, Availability, and Use” [Managing an Unexpected Prenatal Diagnosis](#), Center for Bioethics and Human Dignity, Trinity International University, Deerfield, IL; July 18, 2013
57. “Current Science of Regenerative Medicine with Stem Cells: What is the Ethical Gold Standard?” [Stem Cell Technologies: Clinical, Scientific, Legal And Ethical Aspects In The European Union](#), under the Lithuanian Presidency of the Council of the EU, Kaunas, Lithuania; October 10, 2013

58. “Testimony in support of HB 308, to ban human cloning and human-animal hybrids” Before the Committee on Health and Aging, Ohio House, Columbus, Ohio, November 13, 2013. [Written testimony](#)
59. “Regulatory Considerations in Stem Cell Therapy” [First Midwest Conference on Cell Therapy and Regenerative Medicine](#), University of Kansas Medical Center, Kansas City, KS; November 23, 2013
60. “Midwest Stem Cell Therapy Center—A Unique Initiative” [Joint Legislative Hearing](#), Kansas Senate Committee on Public Health and Welfare, Kansas House Committee on Health and Human Services, Topeka, KS; March 10, 2014
61. “Adult Autologous Stem Cell Therapies: From the Lab to the Clinic” Orthopaedic Update 2014 Conference, Farmington, PA; March 29, 2014
62. “Human Cloning and Bioethics: Restoring Ethics in a Crazy World” [Policy Lecture](#) with U.S. Rep. Dr. Andy Harris (R-MD), Washington, DC; July 17, 2014
63. “Perspectives on Building a Stem Cell Therapy Program” [Second Annual Midwest Conference on Cell Therapy and Regenerative Medicine](#), Kansas City, MO; Sept 19-20, 2014.
64. “Adult Stem Cells, The Future of Medicine” Keynote speaker, Frederick County Right to Life Annual Banquet, Frederick, MD; September 26, 2014
65. “Ethics in Cures: Stem Cells and Ice Buckets” Inaugural Taylor University Walter C. Randall Memorial Lecture on Ethics and Research, Taylor University, Upland, IN; October 13, 2014
66. “Stem Cell Politics: Saving vs. Destroying Lives” Center for Political Studies, Cedarville University, Cedarville, OH; January 27, 2015  
[http://digitalcommons.cedarville.edu/cps\\_lectures\\_and\\_symposia/9/](http://digitalcommons.cedarville.edu/cps_lectures_and_symposia/9/)
67. “Midwest Stem Cell Therapy Center—Kansas’ Unique Initiative” [Joint Legislative Hearings](#), Kansas Senate Ways and Means Committee, Kansas Senate Public Health and Welfare Committee, Kansas House Appropriations Committee, Kansas House Health and Human Services Committee, Topeka, KS; April 30, 2015
68. “Outlook for Stem Cell Therapy” [Third Annual Midwest Conference on Cell Therapy and Regenerative Medicine](#), Kansas City, MO; Sept 19, 2015
69. “Global Outlook for Stem Cell Therapy” [Fourth Annual Midwest Conference on Cell Therapy and Regenerative Medicine](#), Overland Park, KS; Sept 17, 2016
70. “Kansas’ Unique Midwest Stem Cell Therapy Center” Legislative Hearings, Kansas Senate Ways and Means Committee, Kansas Senate Public Health and Welfare Committee, Kansas House Appropriations Committee, Kansas House Health and Human Services Committee, Topeka, KS; March 7, 2017
71. “Prenatal Screening & Testing” 24<sup>th</sup> Annual Conference, Center for Bioethics and Human Dignity, Deerfield, IL; June 22-24, 2017
72. “Stem Cell Epidemic” [Fifth Annual Midwest Conference on Cell Therapy and Regenerative Medicine](#), Overland Park, KS; Sept 16, 2017
73. “3-Parent Embryos, Gene Edited Babies and the Human Future” American Association of Pro-Life OB-GYN’s and American College of Pediatricians joint annual conference, Deerfield, IL; Sept 29-Oct 1, 2017
74. “Stem Cell Science and Ethics: The Patients First Act” Congressional Briefing, U.S. Capitol, Washington, DC; July 19, 2018
75. “Regenerative Medicine and the Yellow Brick Road” [Sixth Annual Midwest Conference on Cell Therapy and Regenerative Medicine](#), Overland Park, KS; Sept 15, 2018

76. “CRISPR and Human Gene Editing, Coming to a Clinic Near You?” University of Texas Medical Branch-Galveston, Galveston, TX; Sept 26, 2018
77. “Stem Cells to Save and Value Life, to Do No Harm” 31<sup>st</sup> Annual A. Kurt Weiss Lectureship on Biomedical Ethics, Oklahoma University Health Science Center, Oklahoma City, OK; Oct 1, 2018
78. “[Exploring Alternatives to Fetal Tissue Research](#)” Invited Scientific Testimony. [Joint Hearing](#), Subcommittee on Healthcare, Benefits, and Administrative Rules and Subcommittee on Government Operations, House Oversight & Government Reform Committee, U.S. House of Representatives, December 13, 2018.
79. “Midwest Stem Cell Therapy Center Annual Report, Regulatory Oversight of Stem Cell Therapy” Legislative Hearings, Kansas Senate Public Health and Welfare Committee, Kansas House Health and Human Services Committee, Topeka, KS; February 12, 2020
80. “Designing Babies: Science, Ethics, and Policies of a Post-Genomic Era” Workshop for Center for Bioethics and Human Dignity, with Dr. Tara Sander Lee, June 25, 2020. Zoom online lecture format.
81. “Further Up and Further In: Regenerative Medicine Moves Forward” [7th Midwest Conference on Cell Therapy and Regenerative Medicine](#), Sept 18, 2020
82. “Testimony in Support of Prohibiting Prenatal Discrimination” Arizona House Judiciary Committee, March 17, 2021. Online testimony, [Written testimony](#).
83. “Ethical Questions on Human Fetal Tissue Research” Workshop for Center for Bioethics and Human Dignity, with Edward R. Grant and Heather Zeiger, June 24, 2021. Zoom online lecture format.
84. “Fetal Pain and Consciousness” Congressional Briefing, House Pro-Life Caucus Leadership, January 18, 2022. online presentation.
85. “Clinical Trial to Treat Severe COVID-19 with Adult Stem Cells” Legislative Hearing, Kansas Senate Public Health and Welfare Committee, Topeka, KS; February 16, 2022. Written testimony.
86. “Midwest Stem Cell Therapy Center 2022 Annual Report” Legislative Hearing, Kansas House Health and Human Services Committee, Topeka, KS; March 3, 2022.
87. “Wide World of Science: Update on Stem Cells, Fetal Tissue and Vaccines including Emerging Challenges” Talk for annual conference of American Association of Pro-Life Obstetricians and Gynecologists, and American College of Pediatricians, Nashville, TN; February 25-27, 2022.
88. “Life and the Law: Science and Abortion Law Over 50 Years” Workshop for Center for Bioethics and Human Dignity, with Dr. Tara Sander Lee and Elizabeth Kirk, June 22, 2022.
89. “Remarks on the Progress of Adult Stem Cell Research” [8th Midwest Conference on Cell Therapy and Regenerative Medicine](#), Sept 16, 2022.
90. “The Good, the Bad and the Ugly of Science and Bioethics” Anglicans for Life Summit, Falls Church, VA, Jan 21, 2023
91. “Update on Adult Stem Cell Therapies” [The Midwest Stem Cell Therapy Center Presents: An Update on Adult Stem Cell Therapies](#), Topeka, KS, February 28, 2023.  
[Media: Medical experts gather in Topeka to speak about advancements in stem cell therapy.](#)
92. “Disentangling Bioethics from Biotechnology” Workshop for Center for Bioethics and Human Dignity conference, with Dr. James L. Sherley, June 23, 2023.
93. “Stem Cells and Fetal Tissue Research” and “Embryo Research, Genetic Engineering and Nascent Human Beings” Talks for National Right to Life Academy, Alexandria, VA, June 28, 2023.
94. “[Bioethical Challenges and Exploiting Nascent Human Beings](#)” Presentation with Dr. Tara Sander Lee for Faith & Law on Capitol Hill, Washington, DC, September 22, 2023.

95. “Silencing Science, Repressing Truth” Talk for panel on Religious Freedom and Healthcare, National Council for Religious Freedom, Washington, DC, October 18, 2023.
96. “Artificial Reproductive Technologies. IVF and Other Artificial Ways to Conceive Nascent Human Life” Presentation for Heritage Bioethics Working Group, December 5, 2023.
97. “Bioethics and the Future of Abortion” Panel discussion, [Students for Life National Pro-Life Summit](#), Washington, DC, January 20, 2024.
98. “The Exploitation of Nascent Human Beings” [Bringing America Back to Life Convention](#), Cleveland, OH, March 8-9, 2024. [Media for convention](#)
99. “Science, Ethics and Regulation of IVF” Capitol Hill Briefing, Washington, DC, March 15, 2024.
100. “Bioethics and the Future of Assisted Reproductive Technologies” Capitol Hill Briefing, Washington, DC, July 25, 2024.
101. “Stem Cells, Fetal Tissue and Embryo Research, Genetic Engineering and Nascent Human Beings” Talks for National Right to Life Academy, Alexandria, VA, July 29, 2024.
102. “Bioethics and Biomedicine of Research with Nascent Human Beings” [Catholic Medical Association 93rd Annual Educational Conference](#), Orlando, FL, September 5-7, 2024.
103. “The Facts of Life. Science and Ethics of IVF” Workshop, [New York State Coalition for Life](#), Albany, NY, November 15, 2024.
104. “Today's Challenges and What Does Pregnancy Help in NY Look Like in 10 Years?” Panel discussion, [New York State Coalition for Life](#), Albany, NY, November 15, 2024.
105. “Our Attitude Toward the Least of These” Keynote speech, [New York State Coalition for Life](#), Albany, NY, November 15, 2024.
106. “Challenges to Protecting the Least of These” [Pro-Family Legislative Network conference](#), Wallbuilders, Irving, TX, November 16, 2024.
107. “Educating on Human Prenatal Development” Legislative Hearing, Kansas Senate Education Committee, Topeka, KS; March 13, 2025. [Written testimony](#). [Video record](#).
108. “Comment on Human Prenatal Development and Resources” Kansas State Board of Education, Topeka, KS; May 13, 2025.
109. “Science and Life. The Science Alliance for Life and Technology (SALT)” Co-presenter with Dr. James L. Sherley. National Right to Life 54<sup>th</sup> Annual Conference, Overland Park, KS; June 21, 2025.
110. “Editing Destiny: The Debate Over Human Genetics” Panel discussion, Washington, DC, Nov. 5, 2025. [Panel description and video](#).
111. “The Gene of the Law: Legal Frontiers in Biotechnology” Health Practice Group Panel, 2025 National Lawyers Convention, Washington, DC, Nov 6-8, 2025. [Panel web page](#). [Video](#).
112. “Policies Protecting Against Eugenic Practices” Talk as part of Capitol Hill briefing on “Reproductive Eugenics” co-sponsored by SALT and AAPLOG, January 22, 2026. *Scheduled*
113. “A Review of the Latest Embryonic Biotechnologies” Talk for annual conference of American Association of Pro-Life Obstetricians and Gynecologists, Seattle, WA; February 27-March 1, 2026. *Scheduled*

**MEDIA**

Over 1,500 media interviews since the year 2000 on stem cell research, cloning, genetics, genetic engineering and gene editing, biotechnology, bioethics, vaccines, human development, reproduction, fetal pain, fetal tissue research, embryo research, science and health policy and legislation, and a number of other topics.

Interviews in virtually all major electronic and print media outlets, including CNN, ABC, NBC, CBS, Fox, CSPAN, Reuters, AP, NPR, USA Today, BBC, Washington Post, Los Angeles Times, New York Times, etc. as well as scientific news reports incl. *Science* and *Nature*.