

Cheryl A. Cistulli

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PROFILE OVERVIEW

Teaching Intern, Law school graduate, doctoral research pathologist, science instructor and Sigma-Xi member with industry-based, practical laboratory [bench], management [administrative], and legal (intellectual property) experience focused in the areas of Medicaid/Medicare patient management, longterm elderly care plans and cancer care for families, DNA metabolism, cell cycle checkpoints, toxicological studies of xenobiotic compounds, human carcinogenesis, and biotech intellectual property litigation and patent prosecution.

EDUCATION

- M.Ed.** (2022)
Georgia College & State University, Milledgeville, GA 31061
- J.D.** (2005-2008)
The University of Georgia, School of Law, Athens, GA 30602
- Ph.D. Molecular and Cellular Pathology** (1995~2000)
Department of Pathology, University of North Carolina, Chapel Hill, NC 27599
- B.S. Biology/Chemistry** (1985~1989)
Wells College, Aurora, NY 13026

PROFESSIONAL EXPERIENCE

- Haymon-Morris Middle School** (July 2021~)
Winder, GA 30680
Teaching Intern, 8th-grade Physical Science, S.T.E.M
As part of my M.Ed. program I am working as an assistant teacher in the Barrow County School System within the 8th grade with a focus on Physical Science.
- Finnegan Henderson** (2008-2009)
Atlanta, GA
Associate
As a first year associate I worked on Intellectual Property litigation projects including document review in preparation for trial; analysis of technological data, papers, and documents; wrote numerous research memos on various biotechnology intellectual property topics; also involved in patent prosecution projects including creation of prosecution history summaries, review and summary of client patent portfolios, and various research projects related to patents in biotechnology.
- Thomas, Kayden, Horstemeyer & Risley, LLP** (Summer 2007)
Atlanta, GA

Summer Associate

Summer Associate in the Biotech Intellectual Property Group. Worked on drafting of patent applications, writing responses to office actions, and writing research memos.

Sutherland, Asbill & Brennan

(Summer 2006)

Atlanta, GA

Summer Associate

Summer Associate working in the Biotech Intellectual Property Division of the firm. Focus on Biotech patent prosecution and litigation support.

Emory University

(2005)

Atlanta, GA

Research Assistant Professor

Joint Appointee in the Departments of Biochemistry and Biology. Research focus on translesion polymerases and DNA repair in yeast.

National Institute of Environmental Health Sciences (NIEHS)

(2002~2004)

Research Triangle Park, NC

Research Fellow

Member in good standing in laboratory of Dr. Sam Wilson, Deputy Director of the NIEHS; research focus on DNA metabolism and base excision repair; publication within first year of fellowship

Department of Pathology, Lineberger Comprehensive Cancer Center (2000~2002)

University of North Carolina, Chapel Hill, NC

Postdoctoral Research Fellow

Research focus on mutagen hypersensitivity and identification of a subpopulation of individuals with enhanced susceptibility to vinyl chloride

University of North Carolina, Chapel Hill

(1995~2000)

Chapel Hill, NC

Ph.D. Candidate

Working under research advisor: Dr. William Kaufmann; research focus on cell cycle checkpoints and genetic instability; mutagen hypersensitivity and carcinogenesis; apoptosis in normal human fibroblasts following UVC irradiation

Brown University

(1993~1994)

Providence, RI

Research Assistant

Research included studies of the mechanisms of asbestos-induced DNA damage and *p53* alterations in asbestos-exposed murine mesothelial cells

Brown University

(1991~1993)

Providence, RI

Student Researcher

Working under research advisor: Dr. Agnes Kane; research focus on mechanisms of asbestos-induced DNA damage in murine mesothelial cells

Mass General Hospital & Harvard University, (1989~1991)
Cutaneous Biology Research Center

Boston, MA

Research Technologist

Research focus on human CD1, inhibitory factors of cellular proliferation in the iris and ciliary body

Brookfield Zoo (1988)

Chicago, IL

Research Assistant

Studies included baboon and dolphin behavioral research, mouse morphogenetics

Research Vessel, Westward I (1988)

Woods Hole, MA

SEA Semester Student

Semester coursework included: physics of sailing, oceanography, marine biology and literature of the sea; while aboard the schooner the *Westward I* I performed an extensive island and oceanographic pelagic plastic study from Miami, FL to Woods Hole, MA

National Oceanic and Atmospheric Administration (NOAA) (1987)

Beaufort, NC

Laboratory Technician

Studies in marine biology of coastline erosion, coastal sea grass re-plantation efforts

TEACHING

Georgia Perimeter Community College (2005)

Lawrenceville, GA

Adjunct Faculty/ Biology

Genetics and Cell Biology - summer 2005

University of North Carolina, Chapel Hill (1996)

Chapel Hill, NC

Teaching Assistant/ Medical School Pathology Course

Set up lab exercises, available to help students with lab work, responsible for grading quizzes, formulating students' overall lab grades and prepared and taught cancer biology lecture series

Brown University (Spring 1993)

Providence, RI

Teaching Assistant/ Bio. 28 (Biochemistry)

section leader for biochemistry problem sets, interpretation of lecture notes

Providence College (1993)

Providence, RI

Private Tutor/ Biochemistry

assisted 2 students in basic Biochemistry

Brown University (Fall 1992)

Providence, RI

Teaching Assistant/ Bio. 47 (Genetics)

genetic laboratory instructor, problem-solving section leader, prepared and taught 3 course lectures

Brown University

(Spring 1992)

Providence, RI

Teaching Assistant/ Bio. 20 (Biology)

section leader for weekly table discussions, prepared and taught 3 course lectures

Brown University

(Fall 1991)

Providence, RI

Teaching Assistant/ Bio. 47 (Genetics)

lead a problem-solving section, taught basic genetic laboratory, prepared and taught 2 course lectures

Wells College

(1988~1989)

Aurora, NY

Laboratory Assistant/ Bio. 101/ 102 (Biology)

planned, organized basic biology laboratory sections

PUBLICATIONS

T.L. Knisely, P.A. Bleicher, **C.A. Vibbard** and R. D. Granstein. Production of latent transforming growth factor-beta and other inhibitory factors by cultures murine iris and ciliary body cells. *Current Eye Research*, 10: 761-771, 1991.

V.D. Moyer, **C.A. Cistulli**, C.A. Vaslet and A.B. Kane. Oxygen radicals and asbestos carcinogenesis. *Environmental Health Perspectives*, 102 (suppl 10): 131-136, 1994.

C.A. Cistulli, T. Sorger, J.M. Marsella, C.A. Vaslet and A.B. Kane. Spontaneous p53 mutation in murine mesothelial cells: increased sensitivity to DNA damage induced by asbestos and ionizing radiation. *Toxicology and Applied Pharmacology*, 141: 264-271, 1996.

C.A. Cistulli and W.K. Kaufmann. P-53 dependent signaling is required for recovery of DNA replication and clonogenic survival in UVC-irradiated human fibroblasts. *Cancer Research*, 58: 1993-2002, 1998.

Paula B. Deming, **Cheryl A. Cistulli**, Hui Zhao, Paul R. Graves, Helen Piwnicka-Worms, Richard S. Paules, C. Stephen Downes, and William K. Kaufmann. The human decatenation checkpoint. *Proc. Natl. Acad. Sci.*, 98 (21): Oct 9 2001.

Cheryl Cistulli, Olga I. Lavrik, Rajendra Prasad, Esther Hou and Samuel H. Wilson. AP Endonuclease and Poly(ADP-ribose) Polymerase-1 interact with the same base excision repair intermediate. *DNA Repair*, 3 (6): 581-91, 3 June 2004.

ABSTRACTS

P.A. Bleicher and **C.A. Vibbard**. "CD1 recognition by cytotoxic T cells." Annual Meeting, Society for Investigative Dermatology, April 1992.

C.A. Cistulli and A. B. Kane. "Clastogenic and aneuploidogenic effects of asbestos fibers on mesothelioma cells *in vitro*." Fourth Annual Pathobiology Retreat, Brown University, Providence, RI, September 1992.

C.A. Cistulli, T. Sorger, J.M. Marsella and A.B. Kane. “Spontaneous mutation of the p53 tumor suppressor gene in murine mesothelial cells.” Fourth Annual Pathobiology Retreat, Brown University, Providence, RI, September 1994.

C.A. Cistulli and W.K. Kaufmann. “Are inherited defects in cell cycle checkpoint function associated with enhanced risk of chemical carcinogenesis?” Superfund Basic Research Program: A Decade of Improving Health Through Multidisciplinary Research, Chapel Hill, NC, February 1997.

C.A. Cistulli, J. Hurt, L. Byrd and W.K. Kaufmann. “P53 dependent signaling is required for recovery of DNA replication in UVC-irradiated human fibroblasts.” Annual Meeting, American Association for Cancer Research, April 1997.

C.A. Cistulli, V. Golubovskaya, L. Filatov, C.B. Campbell and W.K. Kaufmann. “P53-dependent checkpoints preserve genomic stability in aging human fibroblasts expressing HPV16 E6.” Annual Meeting, Keystone Symposia (The Cell Cycle), April 1998.

L. Filatov, **C.A. Cistulli**, and W.K. Kaufmann. “G2 Chromosomal hypersensitivity in breast cancer and lymphoblastoid cell lines with different ATM status.” 31st Annual Meeting of the European Society of Human Genetics, vol. 7, suppl. 1, July 1999.

C.A. Cistulli, H.L. Liber, M.J. Marion, B. Burdin, J.A. Swenberg and W.K. Kaufmann. “G2 hypersensitive individuals identified in lymphoblastoid lines established from vinyl chloride-exposed French workers.” AACR Special Conference in Cancer Research, DNA Repair Defects, January 2000.

Paula B. Deming, **Cheryl A. Cistulli**, Richard S. Paules, Paul R. Graves, Helen Piwnica-Worms, C. Stephen Downes, William K. Kaufmann. “The Human Decatenation Checkpoint.” Annual Pathology Retreat, University of North Carolina at Chapel Hill, Chapel Hill, NC, August 2000.

Richard S. Paules, Cynthia L. Innes, Stella O. Sieber, Rodney E. Shackelford, Alexandra N. Heinloth, Paula B. Deming, **Cheryl A. Cistulli**, Lee Bennett, Pierre R. Bushel, Cynthia A. Afshari, and William K. Kaufmann, “ATM-Dependent Responses to DNA Damaging Agents.” Keystone Oncogenomics Symposium, January 2001.

Cheryl Cistulli, Olga I. Lavrik, Rajendra Prasad, Esther Hou and Samuel H. Wilson. “AP Endonuclease and Poly(ADP-ribose) Polymerase-1 Interact with the Same Base Excision Repair Intermediate.” Laboratory of Structural Biology Annual Retreat, Wilmington, NC, October 2003.

Cheryl Cistulli, Olga I. Lavrik, Rajendra Prasad, Esther Hou and Samuel H. Wilson. “AP Endonuclease and Poly(ADP-ribose) Polymerase-1 Interact with the Same Base Excision Repair Intermediate.” NIEHS Review Board Symposium, RTP, NC, December 2003.

PRESENTATIONS

P53-dependent signaling is required for recovery of DNA replication in UVC-irradiated human fibroblasts. Molecular Responses to DNA Damage Minisymposium at the Annual Meeting, American Association for Cancer Research, San Diego, CA, April 1997.

The students' view of graduate training in Pathology at the University of North Carolina at Chapel Hill. Graduate Training Program Retreat, Friday Center, Chapel Hill, NC, 1997.

Research Integrity from the workplace to the market place. Research Integrity Conference (chairperson for graduate student and post-doc session), Office of Research Services, Chapel Hill, NC, May 1998.

EXTRACURRICULAR ACTIVITIES

Big Brother/Big Sister Member	(1986)
WSI Certified Swim Instructor/Founder of Swim Program for Aurora, NY Children Wells College, NY	(1987~1989)
Graduate and Professional Student Federation Senate Alternate Department of Pathology, UNC-Chapel Hill, NC	(1996~1997)
Graduate Education Committee UNC-Chapel Hill, NC	(1997~2000)
Member of the Board of Directors Crooked Creek Home Owners' Association, Durham, NC	(2000~2002)
Montessori Community School volunteer Durham, NC	(2002~2004)
Member, NIEHS Training Association (NTA) Steering Committee NIEHS, Research Triangle Park, NC	(2003~2004)
Member, Quality Council NIEHS, Research Triangle Park, NC	(2003~2004)

HONORS, AWARDS

Golden Key National Honor Society: Lifetime Member	(1985)
Dean's List, Wells College	(1985~1989)
Magna cum laude	(1989)
Lansing Zabriskie Science Prize	(1989)
Brown University Division of Biology and Medicine Fellowship	(1991)
Brown University Division of Biology and Medicine Research Assistantship	(1992~1993)
AACR-Pharmlingen Young Investigator Award	(1997)
University of North Carolina Superfund Grant Fellowship Recipient	(1995~2000)
University of North Carolina Pathology Fellowship Recipient	(2000~2002)
UGA Chapter of the Blue Key National Honor Society	(2006)

MEMBERSHIPS

Phi Beta Kappa	(1989)
American Association for Cancer Research, Associate Member	(since 1997)
Women in Cancer Research	(since 1997)
Sigma Xi, Full Member	(since 2003)