

## Vitae

# Patrice Parsons

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Grayson College  
Science Faculty  
Denison, Texas 75020  
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Science Building, Rm. 105B

## Education

B.S., Biology, 1988, University of Iowa, Iowa City, Iowa  
M.S., Biology, 1994, University of North Texas, Denton, Texas  
Ph.D., Nutritional Sciences, 1998, University of Kentucky, Lexington, Kentucky

## Teaching Experience

I have taught and am prepared to teach the following courses:

Human Biology Laboratory  
Parasitology  
Developmental Biology  
Human Anatomy & Physiology  
General Biology  
Introduction to Biotechnology

I am currently teaching the following courses

BIOL 1306 – General Biology  
BIOL 1106 – General Biology Laboratory  
BIOL 2101 – Anatomy & Physiology I Laboratory  
BIOL 2301 – Anatomy & Physiology I  
BIOL 2102 – Anatomy & Physiology II Laboratory  
BIOL 2302 – Anatomy & Physiology  
BIOL 1414 – Introduction to Biotechnology

## Professional Experience

### Committee Work: Grayson College

Open Educational Resources (OER), Pathways Committee, Institutional Student Assessment

December 11, 2020

Committee (ISAC), Library Committee, Quality Enhancement Program (QEP) Development Team, Student Learning Goal Team (SLGT), Institutional Animal Care and Use Committee (IACUC), THECB Tuning Council 2011 to 2012, Tuning Committee, Biomedical Research, THECB Learning Outcomes Project, 2014.

August 2008 – present: Grayson College, Denison Texas, **Science professor**

August 2005 – May 2008: Atlantic Cape Community College, Mays Landing, New Jersey **Adjunct Science professor**

May 2004 – May 2005: Valencia Community College, Orlando, Florida **Adjunct to full time Science professor**

November 2002 – August 2004: University of Central Florida, Orlando, Florida, **Visiting faculty Biomolecular Science Center**

August 2000 – October 2002: University of Texas Southwestern Medical Center, Dallas, Texas, **Postdoctoral Fellow in Molecular Cardiology**

October 1998 – July 2000: University of Texas Medical Branch, Galveston, Texas, **Postdoctoral Fellow in Molecular Cardiology**

August 1994- September 1998: University of Kentucky, Lexington, Kentucky, **Laboratory Assistant**

1993 – 1994: Trac Laboratories, Denton, Texas, **Laboratory Assistant**

1991 – 1994: University of North Texas, Denton, Texas, **teaching assistant in Biology Department**

1987 – 1991: University of Iowa, Iowa City, Iowa, **Laboratory Assistant in Anatomy Department**

## **Honors and Awards**

Student Appreciation of Faculty, October 2016

GCC Professor of the Year, January 2012

National Research Service Award, National Institute of Health, January 2000-2003

Commonwealth Research Award, University of Kentucky, Spring 1998

Young Investigators Award, American College of Nutrition, University of Kentucky, Fall 1996

Research Fellowship, Department of Nutrition and Food Science, University of Kentucky, 1996-1997

Minigrant, Department of Nutrition and Food Science, University of Kentucky, Fall 1995

Phi Kappa Phi, Honor Society Member, University of North Texas, inducted Spring 1993

Who's who Among American Colleges and Universities, Spring 1993

J.K.G. Silvey Scholarship, University of North Texas, Spring 1993

Sigma Xi grant funds, University of North Texas, Spring 1993

Research Award, University of North Texas, Spring 1993

## **Professional Posters & Oral Presentations**

August 2018, Texas Master Naturalists, Denison, Texas, Nature of Naming  
November 2001, Heart Failure Symposium, Dallas, Texas, Effects of gene dosage in a mouse model of human crystallinopathy  
May 1998, FASEB, San Francisco, California, SR-BI mediates cholesterol uptake and efflux from cells  
May 1997, Life Sciences Meeting, University of Kentucky, SRBI mediates cholesterol uptake from cells  
May 1996, FASEB, Washington D.C., Zinc attenuation of TNF-mediated activation of NFkB in endothelial cells  
March 1996, Life Sciences Meeting, University of Kentucky, Zinc attenuation of TNF-mediated activation of NFkB in endothelial cells  
April 1996, American College of Nutrition, San Francisco, California, Zinc role in attenuating cytokine-mediated activation of transcription factors in endothelial cells

## **Professional Development**

November 2020, Grayson College, LrnR webinar  
June 2020, Grayson College, TopHat webinar  
March 2020, Grayson College, SimBio Webinar  
January 2020, Grayson College, iWorx webinar  
October 2019, Grayson College, Learning Day  
July 2019, Grayson College, iWorx webinar  
July, 2019, Grayson College, Libretext webinar  
May 2019, Grayson College, LrnR webinar  
February 2019, Grayson College, Learning Day  
May 2018, Grayson College, Mental Health First Aid seminar  
April, 2018, Grayson College, IncludED webinar  
March 2018, Grayson College, Respondus Lockdown Browser webinar  
March, 2018, Grayson College, Professional Development Day  
October 2017, Grayson College, Professional Development Day  
June 2017, Grayson College, Active Learning Workshop  
March 2017, Grayson College, Professional Development Day  
October 2016, Grayson College, Hands on Labs webinar  
October 2016, Grayson College, Professional Development Day  
September 2016, Grayson College, FERPA training  
August 2016, Grayson College, LearnSmart Lab hands on training  
June 2016, Grayson College, Quality Matters peer review training  
June 2016, Grayson College, Online training  
March to April 2016, Grayson College, Quality Matters Training Course  
February 2016, Grayson College, Mini-makeover  
November 2015, Grayson College, Sapling Learning webinar  
October 2015, Grayson College, LearnSmart Labs webinar

October 2015, Grayson College, Professional Development Day  
August 2015, Grayson College Canvas Training  
June 2015, Grayson College Canvas Training  
April 2015, Grayson College, Canvas Training  
April 2015: Grayson College, Cengage, Mind-Tap solutions  
March 2015: Transformative Learning, Oklahoma City, OK  
March 2015: Grayson College, professional development day  
March 2015: Grayson College, Sapling Learning demonstration online  
February 2015: Grayson College, McGraw-Hill, online assessments  
January 2015: SimBio webinar, online lab simulations  
October 2014: Grayson College, Professional Development Day  
September 2014: Grayson College, Motivating Students  
September 2014: Grayson College, Service Learning seminar  
August 2014: Grayson College, Training for Engagement  
August 2014: Collin College, Service Learning Retreat  
February 2014: Grayson College Professional Development Day  
January 2014: Grayson College, Flipping the classroom  
October 2013: NCTC, Outcomes and Assessments, Plano, Texas  
September 2013: Grayson College Professional Development Day  
August 2013: Classroom Assessment & Engagement, Cengage webinar  
March 2013: Grayson College Professional Development Day  
November 2012: NCTC Core Curriculum Revision Roundtable  
August 2012: Hybrid Training Seminar, Grayson College, Denison, TX  
May 2012: Hybrid Training Seminar, Grayson College, Denison, TX  
May 2012: Human Anatomy & Physiology Society Annual Meeting, Tulsa, OK  
February 2011-April 2012: Texas Higher Education Coordinating Board Tuning Council, Austin, TX  
December 2010: Southern Association of Colleges and Schools conference, Louisville, KY  
December 2010: Learn Smart Training, Webinar courtesy of Mc Graw-Hill, Denison, TX  
July 2010: Evidence Based Leadership, TMC Skills Development Fund Grant program, Denison, TX  
March 2010: Inside Cancer, Dolan DNA Learning Center, Oklahoma City, OK  
March 2010: Genes to Cognition, Dolan DNA Learning Center, Oklahoma City, OK  
April 2008: Smart Board Training, Atlantic Cape Community College, Mays Landing, NJ  
March 2008: Enhancing Education Series, Atlantic Cape Community College, Mays Landing, NJ

## **Publications and Papers**

Christians, E., MacMillan, D.R., Connell, P.M., Richardson, J. A, Benjamin, I. I, Heat shock transcription factor 2 is not essential for embryonic development, fertility and adult cognitive and psychomotor function in mice., *Mol. Cell Biol.*, (submitted July 2002)

Connell, Patrice, M" Carol A. Ballinger, Jihong Jiang, Yaxu Wu, Jorg Hohfeld and Winston C. Patterson. The co-chaperone CHIP regulates protein triage decisions mediated by heat-shock proteins. *Nature Cell Biology*, 3, 93, 2001.

De Beer, F.C., Connell, P.M., Yu, J., de Beer" M.C., Webb, N.R., van der Westhuyzen, D.R., HDL

modification by secretory phospholipase A(2) promotes scavenger receptor class B type I interaction and accelerates HDL catabolism, *J. Lipid Res.*, 41: 1849, 2000.

Fluiter, Kees, Wolfgang Sattler, Maria C. de Beer, Patrice M. Connell, Deneys van der Westhuyzen and Theo J.C. van Berkel. Scavenger Receptor BI mediates the selective uptake of oxidized cholesterol esters by rat liver, *J. Biol. Chem.*, 274 (13), 8893-8899, 1999.

Graf, Greg, Patrice Connell, Deneys van der Westhuyzen, and Eric Smart. The class B, type I scavenger receptor promotes the selective uptake of high density lipoprotein cholesterol esters into caveolae, *J. Biol. Chem.*, 274 (17). 12043-12048, 1999.

Ballinger, C.A, P.M. Connell, Y. Wu, Z. Hu, L.J. Thompson, L-Y. Yin and C. Patterson. Identification of CHIP, a novel tetratricopeptide repeat-containing protein that interacts with heat shock proteins and negatively regulates chaperone function, *Mol. Cell Biol.* 19(6), 4535-4545, 1999.

Webb, N.R., P.M. Connell, G. A Graf, E. 1. Smart, W. J.S. de Villiers, F.C. de Beer and D.R. van der Westhuyzen, SR-BI.2, an isoform of the scavenger receptor BI containing an alternate cytoplasmic tail, mediates lipid transfer between high density lipoprotein and cells. *Journal of Biological Chemistry*, 273: 15241-15248, 1998

Patrice Connell, Valerie Young, Michal Toborek, Donald Cohen, Shirish Barve, Craig McClain and Bernhard Hennig, Zinc Attenuates Tumor Necrosis Factor-Mediated Activation of Transcription factors in Endothelial Cells. *J. Am. Coll. Nutrition*, 16(5) 411-417, 1997.

B. Hennig, P. Connell, M. Toborek, S. Barve, C.J. McClain. Role of zinc in maintaining endothelial integrity, *Trace Elements in Man & Animals*, 9: 224-227, 1997.

N.R. Webb, W. de Villiers, P.M. Connell, F.C. de Beer, D.R. van der Westhuyzen, Alternative forms of the scavenger receptor BI (SR-BI)" *J. Lipid Res.* 38:1490-1495, 1997.

Tomanek, Robert J., Peggy A. Barlow, Patrice M. Connell, Yaowu Chen and Ronald J. Torry, Effects of Hypothyroidism and Hypertension on Myocardial Perfusion and Vascularity in Rabbits, *Am. J. Physiol.*, 265: H1638-H1644, 1993.

Torry Ronald J., Diane M. O'Brien, Patrice M. Connell and Robert J. Tomanek, Dipyridamole-induced Capillary Growth in Normal and Hypertrophic Hearts. *Am. J. Physiol.*, 262 : H980-H989, 1992.

Torry Ronald J., Patrice M. Connell, Diane M. O'Brien, William M. Chilian and Robert J. Tomanek, Sympathectomy Stimulates Capillary but not Pre-capillary Growth in Hypertrophic Hearts, *Am. J. Physiol.*, 260: H1515-H1521, 1991.

## **Previous Teaching/Administrative Experience**

August 2005 – May 2008: Atlantic Cape Community College, Mays Landing, New Jersey **Adjunct Science professor of Science. Taught anatomy and physiology I & II, both lecture and laboratory sections**

May 2004 – May 2005: Valencia Community College, Orlando, Florida **Adjunct to full time Science professor. Taught anatomy and physiology I & II, both lecture and laboratory sections**