

Brown CV

Jacqueline Brown, M.S., PhD, RN
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Education

Angelo State University Associate Degree in Nursing/RN certification	May 2011
Texas Tech University Health Sciences Center PhD/Medical Microbiology Physiology of Toxin Production by Clostridium difficile	Jan 1991
Texas Tech University Health Science Center MS/Medical Microbiology Characterization of Neuraminidase Production by Group B Streptococci	May 1986
Angelo State University BS/Biology major, Chemistry minor	May 1981

Licensure /Certifications

Registered Nurse (RN, state of Texas)-licensure current	July 2011
Secondary Teacher Certification (composite science)	Aug 1996

Work Experience /Teaching

Angelo State University/Department of Nursing	Fall 2016
Associate Professor	2015-2020/up for promotion
Assistant Professor	2010-2015
Adjunct Professor	2009-2010

Developed overall course structure for Nursing Pharmacology
Developed overall course structure for online Genetics and Genomics for Nursing/University vetted course for incorporation into RN-BSN program track curriculum
Developed overall course structure for classroom undergraduate Pathophysiology
Developed overall course structure for classroom Microbiology and Laboratory
Developed overall course structure for online Microbiology and Laboratory
Developed overall course structure for online Advanced Pathophysiology
Fulfilled above developmental tasks as well as course teaching
Fulfilled teaching assignments in other course: pain, statistics online Undergraduate Pathophysiology
New coursework being developed for second degree program beginning Summer 2020

Howard College 1997-1998
Adjunct Lecturer
Taught anatomy and physiology lecture and laboratory courses

San Angelo Independent School District 1996-1998
Grape Creek Independent School District
Taught composite science and remedial mathematics (preparation for TAAS) at the eighth grade level. Success assessed based on accreditation by TAAS. Improved TAAS pass rate to 98%, with 100% of special education students meeting minimum standards.

Other Experience

Johnson & Johnson

Senior District Manager/Ortho McNeil Neurologics 2007-2009
Managed a primary care and neurologist focused team of individuals making up 9 territories during a period of company transition, all of whom were working towards attainment of business goals for Topamax (migraine prevention), Axert (acute migraine therapy) and Razadyne ER (Alzheimer's)

Product Manager-Razadyne ER/Ortho McNeil Neurologics July -Dec 2007
Worked with multi-functional team within Ortho McNeil Neurologics to develop strategic communications support for field sales organization. Worked with teams in marketing, finance, and legal to develop key training tools and promotional materials for use with tablet PC technology.

Senior District Manager/Ortho McNeil Neurologics 2005-2007
Managed a new team of 9 reps within Ortho-McNeil Neurologics with varying call focus to generate business plan goals relative to Axert, Topamax and Razadyne ER. Served as interim Regional Business Director Jan 2006-April 2006. Responsible for overall communication from field sales director/brand team to region and maintaining overall business for the South West region; six districts, 60 representatives.

District Manager/Ortho McNeil Neurologics 2003-2005
Managed 10 reps within Ortho-McNeil Neurologics in the promotion of Topamax, Axert, Ultracet and Razadyne ER. Performance was achieved using high level coaching regarding strategic target focus and ability to manage complexity. Selected by upper management to serve on ELT-excellence through leadership in the development of resources designed to create high performance culture and increase both recruitment /retention into the management ranks.

District Manager/Ortho McNeil Women's Health 2002-2003

Managed 11 sales representatives in the promotion of Ortho Evra, Ortho Tri-cyclen LO and Elmiron. By applying a strategic target focus, executing increased call frequency and the development of mentoring activities amongst the team members, a high performance team resulted

Professional Sales Representative/Ortho McNeil Women's Health 1998-2002

Management of individual territory business in the promotion of Ortho Evra, Ortho Tri-cyclen, Ortho Cyclen, Ortho Novum 7/7/7, Elmiron, Ditropan XL, Terazol

U.T. Southwestern Medical Center, Department of Internal Medicine 1995-1996

Post-doctoral Research Fellow/Division of Molecular Cardiology

Employed tools of molecular biology, tissue culture and biochemical analyses to study the protective role of proteins in an in vitro system of simulated ischemia.

U.T. Southwestern Medical Center, Department of Microbiology and Immunology 1991-1995

Post-doctoral Research Fellow

Employed tools of biochemical analyses and immunological methods to characterize interaction between Diphtheria toxin and its receptor.

Publications

- Hohman, D. W., and Brown, J. G. (white paper). The Use of Wearable Remote Technology to Manage the Rehabilitation of a Primary Knee Arthroplasty Patient. Medhab.com
- Spivey, J., Sicard, P., and Brown, J.G. (white paper). Using Remote Technology in Management of Post-orthopedic Surgery Patients: Implications for Cost Containment Using a Case Study. Medhab.com
- Brown, J.G., Gray, M., Gonzales, T., Petitt, K., Bergs, R. and Paramo, J. (white paper). Reproducibility Testing/RPM² (Remote Performance Measurement /Monitoring). (Medhab.com)
- Roden, T. E., LeGrand, R., Fernandez, R., Brown, J., Deaton, J. & Ross, J. (2014). Development of a Smart Insole Tracking System for Physical Therapy and Athletics. PETRA, May 27-30, 2014.
- Brown, J.G., Almond, B.D., Naglich, J.G., and Eidels, L. 1993. Hypersensitivity to diphtheria toxin by mouse cells expressing both diphtheria-toxin receptor and CD9 antigen. Proc. Natl. Acad. Sci. U.S.A. 90: 8184-8188.
- Brown, J.G., Almond, B.D., Naglich, J.G. and Eidels, L. Mouse cells that express both monkey diphtheria toxin receptor and CD9 antigen are hypersensitive to DT. In: Bacterial

Protein Toxins, Sixth European Workshop, Stirling, June 27-July 2, 1993, p 128-137 (Freer, J. *et al*, eds), Gustav Fischer Verlag, Stuttgart, Jena, New York.

- Straus, D.C., Brown, J.G. and Garner, C.W. (1987). High density and low density capsule production by *Streptococcus zooepidemicus*. *Curr. Microbiol.* 16:1-8.
- Brown, J.G., and Straus, D.C. (1987). Characterization of neuraminidase produced by various serotypes of group b streptococci. *Infect. And Immun.* 55(1):1-6.
- Straus, D.C., and Brown, J.G. (1985). Characterization of protease production by a type III group B streptococcus. *Curr. Microbiol.* 12:127-134.

Abstracts (1985-1993)

- Londerholm, Jenny¹, Moore, Kelly¹, Brown, Jacqueline², and Atkins, Lee¹. 2019. Differences in peak acceleration between simulated falls and functional tasks detected via mynotifi bracelet.
- Brown, J.G., Naglich, J.G. and Eidels, L. (1993). Expression of the receptor-binding domain of diphtheria toxin in *Escherichia coli*. Abstracts, Annual Meeting, American Society Microbiology.
- Brown, J.G., and Rolfe, R.D. (1991). Association of protease activity, sporulation and toxin A production by *Clostridium difficile*. Abstracts, Annual Meeting, American Society Microbiology.
- Brown, J.G., and Rolfe, R.D. (1990). Association of toxin A production by *Clostridium difficile*. Abstracts, Annual Meeting, American Society Microbiology.
- Straus, D.C., Brown, J.G., and Garner, C.W. (1987). High and low density capsule production by *Streptococcus zooepidemicus*. Abstracts, Annual Meeting, American Society Microbiology
- Brown, J.G., and Straus, D.C. (1986). Neuraminidase production by various serotypes of group B streptococci. Abstracts, Annual Meeting, American Society Microbiology
- Brown, J.G., and Straus, D.C. (1985). Characterization of neuraminidases produced by various serotypes of group B streptococci. Abstracts, Annual Meeting, American Society Microbiology.

Departmental Service Activities

2010-2012/Evaluation and Instructional Design Committee/Undergraduate

2010-2012/Evaluation and Instructional Design Committee/Graduate

2012-2015/MSN Curriculum Committee

2012- current/ UG faculty BSN, GBSN, pre-requisite courses

2012- current/MSN Graduate Faculty Committee

2013- current/Committee Chairperson for Evaluation Committee/Undergraduate

2013-2014/ Evaluation Committee/Graduate

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2019-current/ Remediation Committee

2019-current/ Board member national Honor Society/Recruitment

College Service Activities

2015, 2017-current/ College Tenure and Promotion committee

2010-2015/ CONAH Curriculum Committee

University Service Activities

College of Graduate Studies Representative 2010-current

Graduate Faculty 2010-current

University Evaluation and Assessment Committee 2013-2014

University Faculty Senate 2014 -2019

University Academic Affairs Committee 2014-2019

AdHoc University Committee /Workload 2014-2016

Carr Distinguished Scholarship Committee AY 2015, 2016

FREP (Faculty research enhancement) 2016-2019

FREP/Interim Chair Spring 2016

Graduate Student Projects/Mentorship

2012/Cory Church/Professional Scholarship Publication submitted but not accepted

2016-current/PT doctoral student /IRB project with Kelly Moore, Jacqueline Brown

Graduate Student Thesis Defense

Laren Watts, MS, Major Animal Science Oral comprehensive examination 2010

Jessie Garcia, Master of Security Studies, Major Security Studies oral examination 2014

Lauren Langley, MS, Biology oral defense 2015

Hannah Maldonado, Master of Security Studies, Major Security Studies oral examination 2017

Abby McVay, Industrial /Organizational Psychology-thesis Fall 2020

Community Service

JPW (James Phillips Williams) Memorial Foundation, San Angelo, Board Member 2009-2011

Grants

January 2014/HRSA: Nursing Workforce Diversity grant -approved not funded (score 84)

Professional Service Activities:

2010/Pearson reviewer: Lab Techniques video

2011/Norton Publishing: Book Review- Microbiology -allied health perspective

Honors and Awards

Wonderful Women of ASU/nominee	2014
Wonderful Women of ASU/nominee	2016
Nominee Teaching Excellence	2016
Nominee President's Award	2015

Professional Organization Memberships

Angelo State University Nursing Honor Society