

Strayer, Andrea
August 2022

CURRICULUM VITAE
ANDREA LYNN STRAYER
Postdoctoral Scholar Fellow, University of Iowa College of Nursing
VA Quality Scholar Fellow, Iowa City VA Health Care System

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50 Newton Rd.
Iowa City, IA 52242-1121
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EDUCATION

PhD in Nursing. September 2017-December 2021
University of Wisconsin-Madison School of Nursing
- Dissertation:

- In-hospital medical complications in older people after spine surgery: A scoping review.
- Grounded theory study, “Older Peoples’ Social Processes of Living with Degenerative Spine Disease”
 - IRB approval 2020-0222

Postgraduate Adult/Aging Nurse Practitioner Program. December 1994
University of Wisconsin-Madison

Master of Science, Nursing. August 1991
University of Wisconsin-Madison

Bachelor of Science in Nursing. December 1985
University of Iowa, Iowa City

LICENSURES and CERTIFICATION

Advanced Practice Nurse Prescriber, September 2001 to present

- Wisconsin RN:93284-30
- Wisconsin APNP:1960-33
- NPI:133611566

Certified Geriatric Nurse Practitioner (ANCC), October 1996-present.
Certified Adult Nurse Practitioner (ANCC) October 1995-present.
Certified Neuroscience Registered Nurse (CNRN), April 1991-present.

EXPERIENCE

8/2022-present

University of Iowa College of Nursing, Postdoctoral Scholar Fellow
Mentors: Barbara Rakel, PhD, RN, FAAN and Anna Krupp, PhD, RN

Strayer, Andrea
August 2022

- 7/2022 – present VA Quality Scholar Fellow, Iowa City VA Health System
 Mentor: Amany Farag, PhD, RN
- 8/2022 Awarded Emerita title, University of Wisconsin-Madison
- 3/2013 Awarded Distinguished prefix title, Distinguished Clinical Nurse Specialist
 Academic Staff title, University of Wisconsin-Madison
- 4/1993-7/2022 Department of Neurological Surgery, University of Wisconsin School of
 Medicine and Public Health, Madison, WI
- 9/2010-7/2022 Neurosurgery Inpatient Nurse Practitioner
- Neurosurgery acute care daily patient care management.
 - Critical decision making for all aspects of patient daily care
 - Collaborate with neurosurgery residents, faculty, nursing staff, pharmacy, consult services, and the entire interprofessional team
 - Provide pre, intra, and postoperative patient education
 - Communicate with patients' community providers
 - Collaborate with inpatient, outpatient, and surgical nursing staff to coordinate care
 - Serve as a patient resource
 - Conduct inpatient rounds, facilitate discharge, write discharge orders, prescriptions, and referrals, as needed
 - Participate in system-based improvement initiatives
 - Lead quality improvement initiatives
 - Hospital and Organizational Committee/Program Membership and Leadership
 - Neurosurgery advanced practice nursing representative for the UW Health Stroke Program
 - Inpatient Superuser Healthlink (electronic health record) advanced practice provider representative
 - Inpatient Advance Practice Provider Council
 - Past Chair, Credentialing Council
 - Past member Advanced Practice Provider Council.
 - Participates in education
 - Formal and informal nursing and physician education
 - Formal and informal education of other interprofessional team members, including non-clinical members such as coding
 - Consultation

Strayer, Andrea
August 2022

- Problem-solving solutions to patient care, complex communication, and complex process challenges related to the Neurosurgery inpatient service
- 11/2018-7/2022
- 75% FTE allocation beginning November 2018 to assume 25% role as Clinical Research Coordinator
- Clinical Research Coordinator, Department of Neurological Surgery Clinical Research Office, 25% FTE allocation
- UW Hospital site primary coordinator for an outpatient degenerative spondylolisthesis study titled, “Spinal Laminectomy versus Instrumented Pedicle Screw Fusion.” ClinicalTrial.gov identifier: NCT03570801
 - UW Hospital site primary coordinator for a NIH StrokeNet study, titled: “Statins in Intracerebral Hemorrhage (SATURN). ClinicalTrials.gov identifier NCT03936361
 - UW Hospital site primary coordinator and nurse practitioner for a study titled, “Riluzole in Spinal Cord Injury Study (RISCIS). ClinicalTrials.gov identifier NCT01597518. UW is no longer a site for this study.
 - Participation as a coordinator and Nurse Practitioner in a Wisconsin Partnership Program clinical trial titled, “Stroke Prevention in the Wisconsin Native American Population.” ClinicalTrials.gov identifier NCT04382963
 - Collaboration with the Clinical Research Manager/Grants Administrator to develop knowledge in complex grant budgets, development of applications, and submission process.
- 2/2022-present and
4/2000-12/2015
- Research Collaborator (non-compensated), University of Wisconsin-Madison, School of Nursing
- 4/93-8/2010
- Neurosurgery Nurse Practitioner - outpatient
Neurosurgery and Neurosurgery Spine clinic provider
- 6/97 – 8/98
- Honorary Associate
No clinical duties, at home with small children
- 8/91-4/93
- William S. Middleton Memorial Veterans Hospital, Madison, WI.**
- Neuroscience and Epilepsy Clinical Nurse Specialist
- Neuroscience nursing expert and care coordinator for epilepsy patient population.
- Consultant and Educator
 - Participates in multidisciplinary research
 - Coordinates referrals to Epilepsy Center

Strayer, Andrea
August 2022

- Developed and implemented Quality Improvement studies

7/87 - 8/91

University of Wisconsin Hospital and Clinics, Madison, WI.

8/90 - 8/91

Neuroscience Nurse Clinician III

- Clinical Preceptor for senior nursing students
- Nursing Council Member

1/89 - 8/90

Acting Nursing Supervisor I – Neurology, Neurosurgery, and Ophthalmology

Responsible for planning, organizing, directing, and evaluating all unit activities on a 29-bed patient care unit.

Implemented 4-bed Neuroscience Intermediate Care Unit
 Decreased vacancy rate from 36% to 7%.
 Managed 35 FTE.
 Accountable for unit finances.

7/87 - 1/89

Neuroscience Nurse Clinician

3/86-7/87

William S. Middleton Memorial Veterans Hospital, Madison, WI.
 Neuroscience Staff Nurse

HONORS

Excellence in Advanced Practice Nursing, American Association of Neuroscience Nurses. April 2016.

UW Health, Advanced Practice Provider Award, Excellence in Teaching. November 2014.

UW Health, University of Wisconsin School of Medicine and Public Health Community Service Award for Three Gaits Volunteerism. November 2010

Journal of Neuroscience Nursing, Writing Excellence Award – Honorable Mention, 2005

American Association of Neuroscience Nurses Clinical Excellence Award, April 1995.

University of Wisconsin Hospital and Clinics Nursing Excellence Award, November 1990.

GRANTS

External competitive:

Strayer, Andrea
August 2022

Agnes Marshall Walker Foundation award of \$4760.50 to fund “Understanding Older Adults’ Patient Experiences with Medical Complications after Spine Surgery” study. Awarded May, 2020

Internal competitive:

Jean E. Johnson Research and Scholarship, University of Wisconsin-Madison School of Nursing award of \$1602.50 to fund “Understanding Older Adults’ Patient Experiences with Medical Complications after Spine Surgery” study. Awarded November 2020

**COMMUNITY
 VOLUNTEER
 SERVICE**

Three Gaits, Inc. President, Board of Directors. 2/2008 to 12/2010.

Three Gaits was recognized as the outstanding youth program (non-profit) in Dane County, awarded the Steve Jones Memorial Award by the Capital Times for Kids Fund Developmental Disabilities Committee

Volunteer, Three Gaits, 2006-2019.

EDITOR

Hickey, J.V. & **Strayer, A.L.** (Eds). (2020). *The Clinical Practice of Neurological and Neurosurgical Nursing, 8th edition*. Philadelphia, PA: Wolters-Kluwer.

Brooks, N.P. & **Strayer, A.L.** (Eds). (2019). *Spine Surgery in an Aging Population*. New York, NY: Thieme.

Wang, M., **Strayer, A.**, Harris, O., Rosenberg, C. & Mummaneni, P. (2018). *Handbook of Neurosurgery, Neurology, and Spinal Medicine for Nurses and Advanced Practice Health Professionals*. Boca Rotan, FL: CRC Press.

Strayer, A.L. Section Editor, Neurosurgery Nursing. Newly developed section. May 2017 -present. *World Neurosurgery*. Philadelphia, PA: Lippincott, Williams & Wilkins.

Strayer, A. (2017). Section Editor. Peripheral Nerve Disorders. In M.K. Bader, L.R. Littlejohns, & D.M. Olson, (Eds). *Core Curriculum for Neuroscience Nursing, 6th Edition*. Chicago: AANN.

Strayer, A. (2017). Section Editor and author. Spine Disorders. In M.K. Bader, L.R. Littlejohns, & D.M. Olson, (Eds). *Core Curriculum for Neuroscience Nursing, 6th Edition*. Chicago: AANN.

PUBLICATIONS

Strayer, Andrea
August 2022

Strayer, A.L., Kuo, W-C., & King, B.J. (2022). In-hospital medical complications in older adults after spine surgery: A scoping review. *International Journal of Older People Nursing*, March 8:e12456.doi: 10.1111/opn.12456.ahead of print.

Strayer, A.L. & King, B.J. (2022, under review). Older people living with degenerative spine disease who undergo spine surgery- just trying to get back to normal.

Strayer, A. Lead Author (work in progress). Nursing Care after Spine Surgery Clinical Practice Guideline. The American Association of Neuroscience Nurses.

Bautista, C., Amatangelo, M., Baby, P.,**Strayer, A.**, Soriano, G., & Wessol, J. (2021). Cultural perspectives on pain assessment and opioid use: International Neuroscience Nursing Research Symposium Conference Proceedings. *Journal of Neuroscience Nursing*, 53(3): 149-156.

Schmidt, B.T., **Strayer, A. L.**, Stadler, J. A. (2020) Upper Thoracic Spine Synovial Cyst Resulting in Paraplegia Following Transient Hypotension. *Cureus*, 12(8): e9870. doi:10.7759/cureus.9870.

Strayer, A.L. (July 2020). The year of the nurse: Why neurosurgeons should care. *World Neurosurgery*, 139: 620-62.

Strayer, A.L, Kiley, R., & Villanueva, N. (2020). Beyond the Hospital: Preparing and Caring for Neuroscience Patients after Acute Care. In J. V. Hickey & A. L. **Strayer** (Eds). (2020). *The Clinical Practice of Neurological and Neurosurgical Nursing, 8th edition*. Philadelphia, PA: Wolters Kluwer-Lippincott.

Strayer, A.L. (2020). Spine and Spinal Cord Injuries. In J.V. Hickey & A. L. **Strayer** (Eds). *The Clinical Practice of Neurological and Neurosurgical Nursing, 8th edition*. Philadelphia, PA: Wolters Kluwer-Lippincott.

Strayer, A.L. (2020). Back Pain and Spinal Disorders. In J. V. Hickey & A. L. **Strayer**(Eds). *The Clinical Practice of Neurological and Neurosurgical Nursing, 8th edition*. Philadelphia, PA: Wolters Kluwer-Lippincott.

Popadich, M. & **Strayer, A.L.** (2020). Peripheral Nerve Injuries. In J. V. Hickey& A. L. **Strayer** (Eds). *The Clinical Practice of Neurological and Neurosurgical Nursing, 8th edition*. Philadelphia, PA: Wolters Kluwer-Lippincott.

Strayer, Andrea
August 2022

Resser, T. & **Strayer, A.L.** (2020). Intracranial Aneurysms. In J. V. Hickey & A. L. **Strayer** (Eds).. *The Clinical Practice of Neurological and Neurosurgical Nursing, 8th edition*. Philadelphia, PA: Wolters Kluwer-Lippincott.

Strayer, A. & Trost, G. (2018). Coordinating and preparing for the transition from the acute care setting. In M. Wang, A. Strayer, P. Mummaneni, O. Harris, & C. Rosenberg (Eds), *Handbook of Neurosurgery, Neurology, and Spinal Medicine for Nurses and Advanced Practice Health Professionals*. Boca Raton, FL: CRC Press.

Strayer, A.L. & Lake, W. (2018). Brain abscess. In M. Wang, A. Strayer, P. Mummaneni, O. Harris, & C. Rosenberg (Eds), *Handbook of Neurosurgery, Neurology, and Spinal Medicine for Nurses and Advanced Practice Health Professionals*. Boca Raton, FL: CRC Press.

Strayer, A.L. & Trost, G. R. (2017). The Obese Patient. In E.C. Benzel & M.P. Steinmetz, (Eds). *Spine Surgery: Technique, Complication Avoidance, and Management* (4rd ed., pp. 1521-1526). Philadelphia, PA: Elsevier.

Ha, S., Schmidt, B., Corriveau, M., **Strayer, A.**, & Trost, G. (2017). The Geriatric Patient. In E.C. Benzel and M.P. Steinmetz, (Eds). *Spine Surgery: Technique, Complication Avoidance, and Management* (4rd ed., pp. 1527-1535). Philadelphia, PA: Elsevier.

Strayer, A. (2017) Spine Disorders. In M.K. Bader, L.R. Littlejohns, & D.M. Olson, (Eds). *Core Curriculum for Neuroscience Nursing, 6th Edition*. Chicago: AANN.

Strayer, A. (2017) Author. Spinal tumors. In M.K. Bader, L.R. Littlejohns, & D.M. Olson, (Eds). *Core Curriculum for Neuroscience Nursing, 6th Edition*. Chicago: AANN.

Strayer, A.L. and Trost, G.R. (2014). Advances in spine surgery: New technology and special populations require ongoing education. *OR Nurse* 2014, 8(5): 12-19. CE test follows.

Strayer, A. L. and Hickey, J. V. (2014) Spinal Disorders. In J. V. Hickey (Ed.), *The Clinical Practice of Neurological and Neurosurgical Nursing*, (7th ed., pp. 430-460). Philadelphia, PA: LWW.

Strayer, A. L. and Hickey, J. V. (2014) Spine and Spinal Cord Injuries. In J. V. Hickey (Ed.), *The Clinical Practice of Neurological and Neurosurgical Nursing*, (7th ed., pp. 382-429). Philadelphia: LWW.

Strayer, Andrea
August 2022

Strayer, A. L. and Hickey, J. V. (2014). Peripheral Nerve Injuries. In J. V. Hickey (Ed.), *The Clinical Practice of Neurological and Neurosurgical Nursing*, (7th ed., pp. 460-470). Philadelphia, PA: LWW.

Strayer, A.L. & Trost, G. R. (2012). The Obese Patient. In E.C. Benzel, *Spine Surgery: Technique, Complication Avoidance, and Management* (3rd ed., pp.1263-1268). Philadelphia, PA: Elsevier.

Strayer, A. (2010) Herniated Intervertebral Disc; Vertebral Osteomyelitis and Discitis; Spondylolysis; Spondylolisthesis; Degenerative Disc Disease and Spondylosis. *AANN's Core Curriculum for Neuroscience Nursing, 5th Edition*. Glenview: AANN.

Strayer, A. (2010) Section Editor and author, Peripheral Nerve Disorders. *Core Curriculum for Neuroscience Nursing, 5th Edition*. Glenview: AANN.

Strayer, A. (2010) Section Editor Spine Disorders. *Core Curriculum for Neuroscience Nursing, 5th Edition*. Glenview: AANN.

Rajpal, S., Gordon, D., Pellino, T., **Strayer, A.**, Brost, D., Trost, G., Zdeblick, T., & Resnick, D. (2010). Comparison of perioperative oral multimodal analgesia versus IV PCA for spine surgery. *J spinal Disord Tech*, 23: 139-145.

Hickey, J. and **Strayer, A.** (2009) Spinal Disorders. *Clinical Practice of Neurological and Neurosurgical Nursing* (6th ed). Philadelphia, PA: LWW.

Strayer, A. (Ed.) (2007) Co-editor and author, Cervical Spine Surgery: A Guide to Preoperative and Postoperative Patient Care. American Association of Neuroscience Nurses. Glenview, IL.
 Online: <http://www.aann.org/pubs/pdf/cervicalspine.pdf>

Strayer, A. (Ed.) (2006) Co-editor and author, "Lumbar Spine Surgery: A Guide to Preoperative and Postoperative Patient Care". American Association of Neuroscience Nurses. Glenview, IL.
 Online: <http://www.aann.org/pubs/pdf/lumbar.pdf> (now offline)

Strayer, A. (2005) Lumbar spine: Common pathology and interventions. *Journal of Neuroscience Nursing*, 37(4):181-193.

Strayer, A. (2004) Herniated Intervertebral Disc; Vertebral Osteomyelitis and Discitis; Spondylolysis; Spondylolisthesis; Degenerative Disc Disease

Strayer, Andrea
August 2022

and Spondylosis. *AANN's Core Curriculum for Neuroscience Nursing, 4th Edition*. St. Louis, MO: Elsevier.

Strayer, A. (2004) Section Editor Peripheral Nerve Disorders. *Core Curriculum for Neuroscience Nursing, 4th Edition*. St. Louis, MO: Elsevier.

Strayer, A. (2003) Upper cervical spine chordoma: A case study. *Journal of Neuroscience Nursing, 35(5): 276-279*.

Strayer, A. (2003) Leadership; It keeps you going and going and going. *Journal of Neuroscience Nursing, 35(3):129*.

Strayer, A. (2001). Chiari I malformation: Clinical presentation and management. *Journal of Neuroscience Nursing, 33(2):92-98*.

Strayer, A. (1994). Guillain-Barre Syndrome; Central Nervous System Infection; Seizure Disorders; Amyotrophic Lateral Sclerosis. In: Allbaugh, B. & Gettrust, K. (Eds), *Plans of Care for Specialty Practice: Medical Nursing*. Albany: Delmar Publishers.

Strayer, A. (1994). Brain Tumors; Ventricular Shunts; Alterations in Consciousness; Craniotomy. In: Allbaugh, B. & Gettrust, K. (Eds), *Plans of Care for Specialty Practice: Surgical Nursing*. Albany: Delmar Publishers.

Everson, L. & **Strayer, A.** (1993). Improving care for the patient with epilepsy. *Journal of Nursing Care Quality, 7(3):46-50*.

**RESEARCH
 PRESENTATIONS**

Strayer, A. & King, B. (accepted, October 2022). Older Peoples' Social Processes of Living with Degenerative Spine Disease and Trying to Get Back to Normal. Poster Presentation. North American Spine Society Annual Meeting, Chicago, IL.

Strayer, A. & King, B. (August 2022). Older Peoples' Social Processes of Living with Degenerative Spine Disease and Trying to Get Back to Normal. Poster Presentation. International Neuroscience Nursing Research Symposium, 4th annual meeting. Virtual from Indianapolis, IN.

Strayer, A. & King, B. (April 2022). Older Peoples' Social Processes of Living with Degenerative Spine Disease and Trying to Get Back to Normal. Poster Presentation. UWHealth Evidence Based Practice Poster Fair. Madison, WI.

Strayer, Andrea
August 2022

Strayer, A. & King, B. (March 2022). Older Peoples' Social Processes of Living with Degenerative Spine Disease and Trying to Get Back to Normal. Paper Presentation (podium). Midwest Nursing Research Society Annual Conference. Schaumburg, IL.

Strayer, A. & King, B. (March 2022). Older Peoples' Social Processes of Living with Degenerative Spine Disease and Trying to Get Back to Normal. Paper Presentation (podium). American Association of Neuroscience Nurses Annual Meeting, Phoenix, AZ.

Strayer, A. & King, B. (November 2021). Older Peoples' Social Processes of Living with Degenerative Spine Disease and Trying to Get Back to Normal. Oral Abstract Presentation. The International Council of Nurses Congress 2021 (virtual).

Strayer, A., Kuo, W-C., & King, B. (August 2021). Medical complications after spine surgery: A scoping review. Poster presentation. **Best conference poster winner.** International Neuroscience Nursing Research Symposium (virtual).

Strayer, A., Kuo, W-C., King, B. (April 2021). Medical complications after spine surgery: A scoping review. Poster presentation. UW Health Research and Evidence Based Practice Poster Fair (virtual).

Strayer, A., Kuo, W-C., King, B. (March 2021). Medical complications after spine surgery: A scoping review. Poster presentation. The American Association of Neuroscience Nurses Annual Meeting (virtual).

Strayer, A., Kuo, W-C., & King, B. (March 2021). Medical complications after spine surgery: A scoping review. Poster presentation. **PhD student competition winner** to represent the University of Wisconsin-Madison School of Nursing at the Midwest Nursing Research Society annual meeting (virtual).

Strayer, A., Kuo, W-C., & King, B. (December 2020). Medical complications after spine surgery: A scoping review. Podium presentation the UW Madison School of Nursing Research and Practice Colloquium.

Strayer, A. (October 2020). Medical complication in older adults after spine surgery: A scoping review. Poster presentation. Department of Neurological Surgery annual Research Day. Madison, WI.

Strayer, A. & Resnick, D.K. (October 2020). Spinal laminectomy versus instrumented pedicle screw fusion: the SLIP II multicenter clinical research

Strayer, Andrea
August 2022

trial. Poster presentation. Department of Neurological Surgery annual Research Day. Madison, WI.

Strayer, A., Bock J., Wilbrand, S., Wesley, U., Mitchell, C., & Dempsey, R. (October 2020). Stroke prevention in the Wisconsin Oneida Nation: A research partnership with the Oneida Comprehensive Health Division. Poster presentation. Department of Neurological Surgery annual Research Day. Madison, WI.

Strayer, A. (August 2019). Transitions from Acute Care: A Concept Analysis. Poster presentation at the International Neuroscience Nursing Research Symposium. Austin, TX.

Strayer, A. (August 2019). Postoperative Urinary Retention in Older Adults after Spine Surgery: A SEIPS 2.0 Systems Review. Podium presentation at the International Neuroscience Nursing Research Symposium. Austin, TX.

Strayer, A. (October 2017). Increase in Neurosurgery service volume leads to increase length of stay. Digital poster presentation at the Congress of Neurological Surgeons annual meeting. Boston, MA.

Page, P., Amaefuna, S., Baggott, C., Douglas, S., Freymiller, K. Nigon, S. **Strayer, A.**, Hamilton, K. & Ramirez, L., (2017). Wisconsin interdisciplinary initiative to streamline construction of a novel severity of illness navigator. Poster presentation at the UW Health Quality Improvement day.

Rajpal, S., Gordon, D., Pellino, T., **Strayer, A.**, Trost, G., Zdeblick, T., & Resnick, D. (February 2008). Forget IV PCA: Perioperative Multimodal Oral Analgesia for Spine Surgery. Poster presentation at AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves Annual Meeting, Orlando, FL.

Javid, M. and **Strayer, A.** (1995). Long-term follow-up of post-chymopapain laminectomy patients versus repeat laminectomy patients. Presented at 1995 International Intradiscal Therapy Society meeting.

Gidal, B., Spencer, N., Maly, M., Collins, M., Finstuen, J., Pitterle, M., **Strayer, A.**, Jones, J. and Williams, E. (1992). "Valproate Mediated Disturbances of Hemostasis". Poster presented at the December 1992 American Epilepsy Society Meeting.

NATIONAL
LEADERSHIP

Strayer, Andrea
August 2022

and
COMMITTEE
POSITIONS

Member, AANS membership committee. April 2021- present.

Advanced Practice Provider Liaison to the Executive committee of the AANS/CNS Section on Neurotrauma and Critical Care. May 2020 – present.

Member (competitive), Clinical Practice Guidelines Committee, the North American Spine Society. September 2020 – present.

Member (appointed), Manuscript Review Board, *The Spine Journal*. July 2020- present.

Member (appointed), Finance Committee, American Association of Neuroscience Nurses. April 2016 – April 2019.

Member (appointed), Education Division, Congress of Neurological Surgeon. April 2016 – October 2017.

Member (appointed), American Association of Neurological Surgeons, Membership Committee, 2011 – 2019.

American Association of Neuroscience Nurses, Neuroscience Nursing response to the Institute of Medicine's *Future of Nursing* Report Task Force, September 2012-February 2014.

AANN Educational Planning Committee, January 2008-2012.

Member, Membership Benefit Development committee, AANS 2004–2007
 AANN liaison to Neuroscience Nursing Foundation April 2004–April 2000.

AANN, Representative to the Council of State Neurosurgical Societies, October 2002–2008.

Immediate Past President, AANN, April 2004-April 2005.

President, American Association of Neuroscience Nurses, April 2003–April 2004.

President Elect, American Association of Neuroscience Nurses, March 2002–April 2003.

Chair, Continuing Education Committee, the American Association of Neuroscience Nurses, April 1998 to March 2000.

Strayer, Andrea
August 2022

Chair, AANN Annual Meeting, 1999, Philadelphia, PA.

Chair, AANN Annual Meeting, 2000, New Orleans, LA.

Member, Manuscript Review Board, American Association of Neuroscience Nurses, 1994 to present.

Member, Planning Committee: 1998 Annual Meeting of the American Association of Neuroscience Nurses, Chicago.

Member, Planning Committee: 1997 Neuroscience Nursing Clinical Symposium, St. Louis.

Member, Planning Committee: 1997 Annual Meeting of the American Association of Neuroscience Nurses, Houston.

Member, Critical Care Medicine Advisory Panel, The United States Pharmacopoeia, December 1995 to June 1997.

Member, Continuing Education Review Board, American Association of Neuroscience Nurses, 1992 to present.

Congress of Neurological Surgeons Scientific Program, Allied Health Liaison, 2007- 2017.

American Association of Neurological Surgeons Nurse Liaison, April 2004- May 2008

- Member, Scientific Program Planning committee, AANS
- Member, Education and Practice Management committee, AANS

**INTERNATIONAL
 COMMITTEE
 SERVICE**

World Federation of Neuroscience Nurses, Scientific Planning Committee.
 June 2018 – present.

**UNIVERSITY OF
 WISCONSIN-
 MADISON
 COMMITTEE
 APPOINTMENT**

Distinguished Prefix Committee, Academic Staff Governance, University of Wisconsin –Madison. July 2014-August 2022.

Strayer, Andrea
August 2022

MEDIA COVERAGE Neurosurgery Operative Skills Laboratory: Innovative Teaching Techniques Benefit Patients Regionally and Internationally. (2019). University of Wisconsin School of Medicine and Public Health Quarterly, 21(3), 4-7.

INTERNATIONAL PRESENTATIONS

Strayer, A. (May 2022). Building a Neurosurgery Nurse Practitioner Role: The Opportunities and Challenges Caring for Neurosurgery Patients as a Nurse Practitioner. Invited podium presentation (virtual). 14th NP Summit, Fujita, Japan.

Strayer, A. (April 2022). Building a Neurosurgery Nurse Practitioner Role: The Opportunities and Challenges Caring for Neurosurgery Patients as a Nurse Practitioner. Invited podium presentation (virtual). 3rd annual Asian Congress of Neurological Nurses, Kuala Lumpur, Malaysia.

Strayer, A. (September, 2017). Applied cervical spine anatomy: Integration of functional pathophysiology, treatment options and neuroscience nursing care. Podium presentation at the World Federation of Neuroscience Nurses 12th Quadrennial Congress. Opatija, Croatia.

Strayer, A. (September, 2017). Applied lumbar spine anatomy and pathophysiology. Podium presentation at the World Federation of Neuroscience Nurses 12th Quadrennial Congress. Opatija, Croatia.

NATIONAL PRESENTATIONS

Strayer, A. (July 2022). Nursing Co-director and podium presentations: Practical Anatomy of the Spine, Spinal Cord, and Peripheral Nerves; Postoperative Complication Avoidance. Spine Review: A Comprehensive Approach for Neurosurgeons, Orthopedic Surgeons, and Nurses. Cleveland, OH.

Lomeli, L., Halbach, T., Pardon, H., & **Strayer, A.** (March 2022). Implementing non-pharmacologic and pharmacologic delirium reducing interventions for the acute care patient with intracerebral hemorrhage. Podium presentation. American Association of Neuroscience Nurses Annual Meeting, Phoenix, AZ.

Strayer, A. (February 2022). Postoperative complication avoidance after spine surgery. Podium presentation at the AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerve. Las Vegas, NV.

Strayer, Andrea
August 2022

Strayer, A. (August 2021). Avoidance of postoperative complications. Podium presentation at the AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerve. San Diego, CA.

Strayer, A. (July 2020). Spine Surgery Postoperative Pain Management: Pre-emptive and Multimodal Analgesia. UT-Austin, Department of Neurosurgery Grand Rounds.

Strayer, A. (April 2020 - podium not given d/t COVID) The Aging Spine AANN annual meeting. Orlando, FL.

Strayer, A. (April 2020-podium not given d/t COVID) Postoperative Bowel and Bladder Management in the Neurosurgery Patient. AANN annual meeting. Orlando, FL.

Strayer, A. (February 2020). Postoperative complication avoidance after spine surgery. Podium presentation at the AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerve. Las Vegas, NV.

Strayer, A. (August 2019). Transitions from Acute Care: A Concept Analysis. Poster presentation at the International Neuroscience Nursing Research Symposium. Austin, TX.

Strayer, A. (August 2019). Postoperative Urinary Retention in Older Adults after Spine Surgery: A SEIPS 2.0 Systems Review. Podium presentation at the International Neuroscience Nursing Research Symposium. Austin, TX.

Strayer, A. (July 2019). Nursing Co-director and podium presentations: Practical Anatomy of the Spine, Spinal Cord, and Peripheral Nerves; Postoperative Pain Management; Postoperative Complication Avoidance. Spine Review: A Comprehensive Approach for Neurosurgeons, Orthopedic Surgeons, and Nurses. Cleveland, OH.

Strayer, A. (March 2019). Postoperative Complication Avoidance After Spine Surgery. Podium presentation and the American Association of Neuroscience Nurses annual meeting, Denver, CO.

Strayer, A. (March 2019). Applied Cervical and Lumbar Anatomy and Pathophysiology. Podium presentation and the American Association of Neuroscience Nurses annual meeting, Denver, CO.

Strayer, A. (March 2019). Upper Extremity Weakness Prior to Cervical Spine Surgery: Treatment Options and Evidence. Podium presentation at the

Strayer, Andrea
August 2022

Joint AANS/CNS Section on Disorders of the Spine and Peripheral Nerves annual meeting, Miami, FL.

Strayer, A. (October 2018). Increase in Neurosurgery Service Volume Leads to Increase Length of Stay. Poster presentation at the Congress of Neurological Surgeons annual meeting, Houston, TX.

Strayer, A. (July 2018). Nursing Co-director and podium presentations: Practical Anatomy of the Spine, Spinal Cord, and Peripheral Nerves; Postoperative Pain Management; Postoperative Complication Avoidance. Spine Review: A Comprehensive Approach for Neurosurgeons, Orthopedic Surgeons, and Nurses. Cleveland, OH.

Strayer, A. (April, 2018). Care Transitions: A Concept Analysis. PhD student poster presentation at the 25th National Evidence-Based Practice Conference. Iowa City, Iowa.

Strayer, A. (March, 2018) Bowel and Bladder Management in the Neurosurgery Patient. Podium presentation at the American Association of Neuroscience Nurses Annual Meeting. San Diego, CA.

Strayer, A. (July 2017). Nursing Co-director and podium presentations: Practical Anatomy of the Spine, Spinal Cord, and Peripheral Nerves; Postoperative Pain Management; Postoperative Complication Avoidance. Spine Review: A Comprehensive Approach for Neurosurgeons, Orthopedic Surgeons, and Nurses. Cleveland, OH.

Strayer, A. (April, 2017). Postoperative pain management podium presentation; all day course co-director. You Are Never Too Old for Surgery. Spine Surgery in an Aging Population. Presented at the AANS annual meeting. Los Angeles, CA.

Strayer, A. (April 2017). Postoperative Patient Care Following Lumbar Spine Surgery: Integration of Functional Pathology, Surgery Type and Neuroscience Nursing Care Nuances. Invited Podium Presentation at the 24th Annual Neuroscience Nursing Conference. Hershey, PA.

Strayer, A. (March 2017). Fundamentals of Subaxial Spine Surgery for the Neuroscience Nurse. Podium Presentation at the American Association of Neuroscience Nurses Annual Meeting. Boston, MA.

Strayer, A. (March 2017). Upper Cervical Spine Fractures in the Elderly: Pathology, Treatment Options and Care Considerations for the

Strayer, Andrea
August 2022

Neuroscience Nurse. Podium presentation at the American Association of Neuroscience Nurses Annual Meeting. Boston, MA.

Strayer, A. and Brooks, N. (February, 2017). Enhancing Perioperative Pain Management, Luncheon Symposium. Co-director. Joint Section of the AANS/CNS Disorders of the Spine and Peripheral Nerves annual meeting. Las Vegas, NV.

Strayer, A. (April, 2016). Fundamentals of Lumbar Spine Surgery for the Neuroscience Nurse. Podium presentation at the American Association of Neuroscience Nurses Annual Meeting. New Orleans, LA.

Strayer, A. (July 2016). Nursing Co-director and podium presentations: Practical Anatomy of the Spine, Spinal Cord, and Peripheral Nerves, Postoperative Pain Management. Spine Review: A Comprehensive Approach for Neurosurgeons, Orthopedic Surgeons, and Nurses. Cleveland, OH.

Strayer, A. (April, 2016). Symptomatic Lumbar Spinal Stenosis in Older Adults: Pathogenesis, Treatment Options and Neuroscience Nursing Considerations. Podium presentation at the American Association of Neuroscience Nurses Annual Meeting. New Orleans, LA.

Strayer, A. (March, 2016). Avoidance of Medical Complications after Acute Spinal Cord Injury. Podium presentation at the 32nd Annual Meeting of the Joint Section on Disorders of the Spine and Peripheral Nerves. Orlando, FL.

Strayer, A. (October 2015). Fundamentals of Cervical Spine Surgery and The Aging Patient and Lumbar Spine Surgery. Invited podium presentations at The Spectrum of Neuroscience Nursing. Temple University Hospital Department of Nursing, Department of Trauma and the Philadelphia Chapter of AANN. Philadelphia, PA.

Strayer, A. (July 2015). Nursing Co-director and podium presentations: Practical Anatomy of the Spine, Spinal Cord, and Peripheral Nerves, Postoperative Pain Management, Spine Review: A Comprehensive Approach for Neurosurgeons, Orthopedic Surgeons, and Nurses. Cleveland, OH.

Strayer, A. (March, 2015). Fundamentals of Cervical Spine Surgery for the Neuroscience Nurse. Podium presentation at the American Association of Neuroscience Nurses Annual Meeting. Nashville, TN.

Strayer, Andrea
August 2022

Strayer, A. (November 2014). Practical Anatomy of the Spine, Spinal Cord and Peripheral Nerves and Ankylosing Spondylitis and Cervical Spine Applied Anatomy. Invited Podium presentations at The Spectrum of Neuroscience Nursing. Temple University Hospital Department of Nursing, Department of Trauma and the Philadelphia Chapter of AANN. Philadelphia, PA.

Strayer, A. (July 2014). Nursing Co-director, Practical Anatomy of the Spine, Spinal Cord, and Peripheral Nerves, Postoperative Pain Management. Spine Review: A Comprehensive Approach for Neurosurgeons, Orthopedic Surgeons, and Nurses. Cleveland, OH.

Strayer, A. (April, 2014). Prevention and Management of Complications Following Acute Spinal Cord Injury. Podium presentation at the American Association of Neurological Surgeons Annual Meeting. San Francisco, CA.

Strayer, A. (March, 2014). Multimodal Pain Management Following Spine Surgery. Webinar presentation for Webinar titled: Neuropharmacology Update. Congress of Neurological Surgeons.

Strayer, A. (March, 2014). The Lumbar Spine: Applied Anatomy. Podium presentation at the American Association of Neuroscience Nurses Annual Meeting. Anaheim, CA.

Strayer, A. (March, 2014). Ankylosing Spondylitis, Podium presentation at the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Annual Meeting. Orlando, FL

Strayer, A. (2013, October). Status epilepticus in the neurosurgery patient. Podium presentation the Congress of Neurological Surgeons Annual Meeting. San Francisco, CA.

Strayer, A. (July 2013). Practical Anatomy of the Spine, Spinal Cord, and Peripheral Nerves, Alternative Pain Management and The Geriatric Spine Patient. Spine Review: A Comprehensive Approach for Neurosurgeons, Orthopedic Surgeons, and Nurses, Cleveland, OH.

Strayer, A. (April 2013). Prevention and Management of Complications Following Acute Spinal Cord Injury. Podium presentation at the American Association of Neurological Surgeons Annual Meeting. New Orleans, LA.

Strayer, A. (March 2013). Ankylosing spondylitis. Podium presentation at AANS/CNS Spine Section. Phoenix, AZ.

Strayer, Andrea
August 2022

Strayer, A., (March 2013). Cervical spine, spinal cord, and spinal nerves: Applied anatomy. Podium presentation at AANN annual meeting Charlotte, NC.

Strayer, A. (July 2012). Practical Anatomy of the Spine, Spinal Cord, and Peripheral Nerves, Alternative Pain Management and The Geriatric Spine Patient. Spine Review: A Comprehensive Approach for Neurosurgeons, Orthopedic Surgeons, and Nurses, Cleveland, OH.

Strayer, A. (May, 2012). Older Adults, Falls, and Traumatic Brain Injury: A Public Health and Neuroscience Nursing Crisis and Exponential Increase in Falls in the Elderly Causing Spine Fractures and Spinal Cord Injury. Podium presentations at the AANN Annual Meeting, Seattle, WA.

Strayer, A. (April 2012). Prevention and Management of Complications Following Acute Spinal Cord Injury. Podium presentations at the American Association of Neurological Surgeons Annual Meeting. Miami, FL.

Strayer, A. (March 2012). Traumatic Thoracolumbar Junction Fractures. Invited podium presentation at the 19th Annual Neuroscience Nursing Conference, Hershey, PA.

Strayer, A. (October 2011). Falls in the Elderly: A Neurosurgical Epidemic?. Podium presentation. CNS Annual Meeting. Washington, DC.

Strayer, A. (September 2011). Falls and Traumatic Brain Injury in the Elderly and Multimodal Oral Pain Management Following Spinal Fusion Surgery. From Cranial to Spine: An Overview of Neurosurgical Topics for the Mid-Level Practitioner. Chicago, IL.

Strayer, A. (July 2011). Practical Anatomy of the Spine, Spinal Cord, and Peripheral Nerves, Alternative Pain Management and The Geriatric Spine Patient. Spine Review: A Comprehensive Approach for Neurosurgeons, Orthopedic Surgeons, and Nurses, Cleveland, OH.

Strayer, A. (May 2011). Care Considerations Following Acute Spinal Cord Injury. American Association of Neurological Surgeons Annual Meeting. Denver, CO.

Strayer, A. (April 2011). Evaluation and Management of the Patient with Low Back Pain. WNA APN Forum 25th Annual Pharmacology & Clinical Update. Madison, WI.

Strayer, Andrea
August 2022

Strayer, A. (March 2011). What's Hot in Spine Surgery. American Association of Neuroscience Nurses Annual Meeting, Kansas City, KS.

Strayer, A. (March 2011). Multimodal Pain Management. AANS/CNS Spine Section Annual Meeting, Phoenix, AZ.

Strayer, A. (October 2010). Outpatient Care Dilemma's. CNS Annual meeting, San Francisco, CA.

Strayer, A. (June 2010). Postoperative Care of the Spine Patient. Piedmont Hospital Annual Neuroscience Nursing Education Day. Atlanta, GA.

Strayer, A. (May 2010). Care Considerations Following Acute Spinal Cord Injury. American Association of Neurological Surgeons Annual Meeting. Philadelphia.

Strayer, A. (February 2010). Multimodal Pain Management. AANS/CNS Spine Section Annual Meeting, Orlando, FL.

Strayer, A. (October 2009). Thoracolumbar Trauma, Nurse-Physician Relationships and Impact on Outcome, and Scope of Practice: Nurse Practitioner. CNS Annual Meeting, New Orleans, LA

Strayer, A. (July 2009). Practical Anatomy of the Spine, Spinal Cord, and Peripheral Nerves, Alternative Pain Management and The Geriatric Spine Patient Spine Review: A Comprehensive Approach for Neurosurgeons, Orthopedic Surgeons, and Nurses, Cleveland, OH.

Strayer, A (May 2009). Alternative Pain Management after Spinal Fusion, Complication Avoidance and Management: The Geriatric Trauma Patient. American Association of Neurological Surgeons Annual Meeting, San Diego, CA.

Strayer, A (September 2008). Neurosurgical Practice Development, Negotiation and Liability. CNS Annual Meeting, Orlando, FL.

Strayer, A (September 2008). New Frontiers in Pain Management for Allied Health Providers in Neurosurgery. CNS Annual Meeting, Orlando, FL.

Strayer, A (September 2008). Implementing Evidence Based Practice in Your Neurosurgical ICU for Allied Health Providers in Neurosurgery. CNS Annual Meeting, Orlando, FL.

Strayer, Andrea
August 2022

Strayer, A (September 2008). Neurosurgical Practice Development, Negotiation and Liability”, Practice Efficiency and Midlevel Providers. CNS Annual Meeting, Orlando, FL.

Strayer, A. (July 2008). Practical Anatomy of the Spine, Spinal Cord, and Peripheral Nerves, Alternative Pain Management and The Geriatric Spine Patient. Spine Review: A Comprehensive Approach for Neurosurgeons, Orthopaedic Surgeons, and Nurses, Cleveland, OH.

Strayer, A. (April 2008). Alternative Pain Management after Spinal Fusion, “Complication Avoidance and Management: The Geriatric Trauma Patient. American Association of Neurological Surgeons Annual Meeting, Chicago, IL.

Strayer, A. (March 2008). Alternative Pain Management after Spinal Fusion, Spinal Fusion: What is it and what does the Future Hold?, Traumatic Thoracolumbar Junction Fractures. AANN Annual Meeting, Nashville, TN.

Strayer, A. (February 2008). Geriatric Spinal Cord Injury. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Orlando, FL.

Strayer, A. (October 2007). Preoperative Preparation, Alternative Pain Management, and “Managing Recovering the Geriatric Spine Patient. Nursing Excellence in Spinal Surgery 2007: Anatomy, Pathology, Emerging Technologies and Best Practices. Toronto, Ontario, Canada.

Strayer, A. (September 2007). Practice Efficiency: Using Midlevel Providers and Alternative Pain Management Protocol After Spinal Fusion CNS Annual Meeting, San Diego, CA.

Strayer, A. (July 2007). Practical Anatomy of the Spine, Spinal Cord, and Peripheral Nerves and The Spine Patient: Pre- and Post-Operative Nursing Considerations. Spine Review: A Comprehensive Approach for Neurosurgeons, Orthopaedic Surgeons, and Nurses, Cleveland, OH.

Strayer, A. (April 2007). Spinal Infection: Pathophysiology, Treatment Options, and Nursing Considerations. AANN Annual Meeting, Orlando, FL.

Strayer, A. (April 2007). “Brachial Plexus Injuries: Pathophysiology, Treatment Options and Nursing Considerations”. AANN Annual Meeting, Orlando, FL.

Strayer, Andrea
August 2022

Strayer, A. (April 2007). Guidelines for the Management of Acute Spinal Cord Injury. AANS Annual Meeting, Washington DC.

Strayer, A. (April 2007). Management of the Craniocerebral Trauma Patient for Allied Health. AANS Annual Meeting, Washington DC.

Strayer, A. (March 2007). Cervical Spine Axial (C0-C2) Trauma. 23rd Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Phoenix, AZ.

Strayer, A. (March 2007). Care of Post-Operative Spinal Fusion. 23rd Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Phoenix, AZ.

Strayer, A. (October 2006). Treatment Algorithm for Low Back Pain. Luncheon seminar. The Congress of Neurological Surgeons Annual Meeting, Chicago, IL.

Strayer, A. (July 2006). Practical Anatomy of the Spine, Spinal Cord, and Peripheral Nerves and The Spine Patient: Pre- and Post-Operative Nursing Considerations. Spine Review: A Comprehensive Approach for Neurosurgeons, Orthopaedic Surgeons, and Nurses, Cleveland, OH.

Strayer, A. (April 2006). The Geriatric Spine Patient. AANN Annual Meeting, San Diego, CA.

Strayer, A. (April 2006). The Geriatric Traumatic Brain Injury Patient. AANS Annual Meeting, San Francisco, CA.

Strayer, A. (April 2006). Guideline Methodology and Development: Spinal Axis Trauma Review of the Spinal Cord Injury Guidelines. AANS Annual Meeting, San Francisco, CA.

Strayer, A. (March 2006). Postoperative Care Issues for the Patient with Metastatic Spine Disease: A Case Study. AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves Annual Meeting, Orlando, FL.

Strayer, A. (October 2005). The Complex Geriatric Spine Patient. CNS Annual Meeting, Boston, MA.

Strayer, A. (October 2005). The Obese Spine Patient. CNS Annual Meeting, Boston, MA.

Strayer, Andrea
August 2022

Strayer, A. (July 2005). “Practical Anatomy of the Spine, Spinal Cord, and Peripheral Nerves” and “The Spine Patient: Pre- and Post-Operative Nursing Considerations.” *Spine Review: A Comprehensive Approach for Neurosurgeons, Orthopaedic Surgeons, and Nurses*, Cleveland, OH.

Strayer, A. (April 2005). *Cervical Spondylotic Myelopathy: Treatment Options and Nursing Considerations*. AANN Annual Meeting, Washington, DC.

Strayer, A. (March 2005). *Basic Bone Anatomy and Physiology Biology of Bone Healing*. Special Symposium-AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves Section Annual Meeting, Phoenix, AZ.

Strayer, A. (October 2004). *Perioperative and Nonoperative Care: The Role of the Nurse Practitioner. A Multidisciplinary Approach to the Essentials of Spine Care*: North America Spine Society Annual Meeting, Chicago, IL.

Strayer, A. (October 2004). *Case studies in Inpatient and Outpatient management Dilemmas for nurses, nurse practitioners, and physician assistants*. CNS Annual Meeting, San Francisco, CA.

Strayer, A. (May 2004, Aug. 2003, May 2002, May 2001). *Practical Anatomy of the Spine, Spinal Cord, and Peripheral Nerves and The Spine Patient: Pre- and Post-Operative Nursing Considerations*. *Spine Review: A Comprehensive Approach for Neurosurgeons, Orthopaedic Surgeons, and Nurses*, Cleveland, OH.

Strayer, A. (April 2004). *Traumatic Thoracolumbar Fractures*. AANN Annual Meeting, San Antonio, TX.

Strayer, A. (March 2004). *Physiology of Bone Healing*. Special Symposium-AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves Section Annual Meeting, San Diego, CA.

Strayer, A. (October 2003). *Outpatient Dilemmas for the Nurse, Nurse Practitioner, and Physician’s Assistant*. Special Symposium-Congress of Neurological Surgeons annual meeting. Denver, CO.

Strayer, A. (October 2003). *Perioperative and Nonoperative Care: The Role of the Nurse Practitioner. A Multidisciplinary Approach to the Essentials of Spine Care*: North America Spine Society annual meeting, San Diego, CA.

Strayer, Andrea
August 2022

Strayer, A. (April 2003). Upper Cervical Spine: Biomechanics, Nontraumatic Pathology, Treatment Options and Nursing Implications. AANN Annual Meeting, Atlanta, GA.

Strayer, A. (March 2003). The Mid-Level Practitioner. Surgical Management of Discogenic Low Back Pain for the Non-Physician – Skills for Nurses, Nurse Practitioners and Physicians Assistants. Spine Symposium at the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Tampa, FL.

Strayer, A. (March 2002). Bone Healing and Interbody Technology. AANN Annual Meeting, Chicago, IL.

Strayer, A. (April 2001). Lumbar Spine: Common Pathology and Treatment. AANN Annual Meeting, San Francisco, CA.

Strayer, A. (March 2000) Cervical Spondylotic Myelopathy: Pathogenesis, Treatment Options and Nursing Implications. AANN Annual Meeting, New Orleans, LA.

Strayer, A. (March 1999) Laparoscopic Lumbar Fusion – A New Approach to an Old Problem. AANN Annual Meeting, Philadelphia, PA.

Strayer, A. (October 1994). Peace of Mind ... Percutaneous Radiofrequency Rhizotomy for Trigeminal Neuralgia. AANN Mid-Annual Meeting, Savannah, Georgia.

NATIONAL COURSE

DIRECTOR/

MODERATOR

Strayer, A. & Brooks, N. (April 2022). Course Co-Director, “You Are Never Too Old for Surgery: Spine Management in an Aging Population”. All day practical clinic at the American Association of Neurological Surgeons Annual Meeting, Philadelphia, PA.

Strayer, A. & Brooks, N. (April 2020- meeting cancelled d/t COVID). Course Co-Director, “You Are Never Too Old for Surgery: Spine Management in an Aging Population”. All day practical clinic at the American Association of Neurological Surgeons Annual Meeting, Boston, MA.

Strayer, A. & Brooks, N. (May 2019). Course Co-Director, “You Are Never Too Old for Surgery: Spine Management in an Aging Population”. All day practical clinic at the American Association of Neurological Surgeons Annual Meeting, San Diego, CA.

Strayer, Andrea
August 2022

Strayer, A. & Brooks, N. (May 2017). Course Co-Director, “You Are Never Too Old for Surgery: Spine Management in an Aging Population”. All day practical clinic at the American Association of Neurological Surgeons Annual Meeting, Chicago.

Strayer, A. & Brooks, N. (May 2016). Course Co-Director, “You Are Never Too Old for Surgery: Spine Management in an Aging Population”. All day practical clinic at the American Association of Neurological Surgeons Annual Meeting, Chicago.

Strayer, A. & Shultz, K. (October 2015). Course Co-Director. “Integrating of Wisdom and Pearls into the Advanced Practice Provider’s Practice” Congress of Neurological Surgeons Annual Meeting. New Orleans, LA.

Strayer, A. & Brooks, N. (May 2015). Course Co-Director, “Spine Management in the Aging Population”. Four hour practical clinic at the American Association of Neurological Surgeons Annual Meeting, Washington D.C.

Strayer, A. & Tsai, E. (October 2014). Course Co-Director. “The Advanced Practice Provider’s Guide to Integrating Innovation and Conventional Wisdom”. Congress of Neurological Surgeons Annual Meeting. Boston, MA.

Course Co-director for “Spinal Trauma in the Elderly” and “Hands on Spine”. AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves Annual Meeting, Orlando, FL. March 2014.

Course Co-director for “Spinal Trauma in the Elderly”. AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves Annual Meeting, Phoenix, AZ. March 2013.

Course Co-director for “Management of Post-Operative Pain”. AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves Annual Meeting, Orlando, FL. March 2012

Course Co-director: “Inpatient and Outpatient Management Dilemmas: For Nurses, APRNs and Physician Assistant.” Congress of Neurological Surgeons Annual Meeting, 2011 Washington, DC.

Course Co-director for “Evaluation and Management of the Spine Trauma Patient” and “Management of Post Operative Pain”. AANS/CNS Joint

Strayer, Andrea
August 2022

Section on Disorders of the Spine and Peripheral Nerves Annual Meeting, Phoenix, AZ. March 2011.

Moderator and Presenter: “Inpatient and Outpatient Management Dilemmas: For Nurses, APRNs and Physician Assistant.” Congress of Neurological Surgeons Annual Meeting, 2010 San Francisco, CA.

Course Co-director for “Evaluation and Management of the Spine Trauma Patient” and “Management of Post Operative Pain”. AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves Annual Meeting, Orlando, FL. February 2010.

Practical Course Co-Director: “Inpatient and Outpatient Management Dilemmas: For Nurses, APRNs and Physician Assistant.” Congress of Neurological Surgeons Annual Meeting, 2009 New Orleans, LA

Practical Clinic Course Co-Director: Decision Making and the Spine Patient for Nurses, APRNs, and PA’s. American Association of Neurological Surgeons Annual Meeting, May 2009.

Moderator and Presenter: “Inpatient and Outpatient Management Dilemmas: For Nurses, APRNs and Physician Assistant.” Congress of Neurological Surgeons Annual Meeting, 2008 Orlando, FL

Nursing Co-Director: Cleveland Spine Review Hands on 2008. Cleveland, OH

Practical Clinic Course Co-Director: Decision Making and the Spine Patient for Nurses, APRNs, and PA’s. American Association of Neurological Surgeons Annual Meeting, April 2008.

Course Co-director for “Evaluation and Management of the Spine Trauma Patient” and “Evaluation and Management of the Post Operative Patient”. AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves Annual Meeting, Orlando, FL. February 2008.

Practical Clinic Co-Director: Inpatient and Outpatient Management Dilemmas: For Nurses, APRN’s and Physician Assistants, CNS Annual Meeting, San Diego, CA. September 2007.

Practical Clinic Director for “Management of the Neurotrauma Patient for Allied Health”. AANS Annual Meeting, Washington, DC, April 2007.

Strayer, Andrea
August 2022

Practical Clinic Co-director for “Inpatient and Outpatient Management Dilemmas for Allied Health”. CNS Annual Meeting, Chicago, IL. October 2007.

Practical Clinic Director for “Management of the Neurotrauma Patient for Allied Health”. AANS Annual Meeting, San Francisco, CA, April 2006.

Luncheon Seminar Moderator for “Allied Health Providers in Neurosurgery: The opportunities and the impact” CNS Annual Meeting, Boston, MA, October 2005.

Practical Clinic Co-Director for “Inpatient and Outpatient Management Dilemmas: for Nurses, Nurse Practitioners, and Physicians Assistants” CNS Annual Meeting, Boston, MA, October 2005.

Practical Clinic Director for “Management of the Neurotrauma Patient for Allied Health” AANS Annual Meeting, New Orleans, April 2005.

Course Co-director for “Physiology of Bone Healing” AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves Annual Meeting, Phoenix, AZ, March 2005.

Luncheon Seminar Moderator for “Allied Health Providers in Neurosurgery: The opportunities and the impact” CNS Annual Meeting, San Francisco, October 2004.

Practical Clinic Co-Director for “Inpatient and Outpatient Management Dilemmas: for Nurses, Nurse Practitioners, and Physicians Assistants” CNS Annual Meeting, San Francisco, October 2004.

Course Co-Director and faculty: Interactive Cervical Spine Stabilization for Nurses and Physicians Assistants. Symposium at the AANS/CNS, Section on Disorders of the Spine and Peripheral Nerves, San Diego, CA, March, 2004.

Course Co-Director: Spine Review - A Comprehensive Review for Neurosurgeons, Orthopedic Surgeons and Nurses. Cleveland, OH. August 2003.

Course Co-Director and faculty: Surgical Management of Discogenic Low Back Pain for the Non-Physician – Skills for Nurses, Nurse Practitioners and Physicians Assistants. Spine Symposium at the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Tampa, FL, March 2003.

Strayer, Andrea
August 2022

Director at Large, American Association of Neuroscience Nurses, Board of Directors, April 2000 – March 2002.

Rajpal, S., Gordon, D., Pellino, T., **Strayer, A.**, Trost, G., Zdeblick, T., & Resnick, D. (February 2008). "Forget IV PCA: Perioperative Multimodal Oral Analgesia for Spine Surgery".. AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves Annual Meeting, Orlando, FL.

NATIONAL POSTER PRESENTATIONS

Strayer, A. and Trost, G. (March 2004). "Development of a Multidisciplinary Peripheral Nerve Clinic". AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves Annual Meeting, San Diego, CA.

Ohm, B., Kutz, J., Noyes, J., and **Strayer, A.** (March 1999) "Spinal Arteriovenous Malformation: Diagnosis, Treatment and Nursing Care." AANN Annual Meeting, Philadelphia, PA.

Noyes, J., **Strayer, A.**, Brost, D., Kutz, J. (April 1997). "Chiari Malformations: Clinical Presentations and Management." AANN Annual Meeting, Houston, TX.

Strayer, A., Brost, D., Noyes, J. (April 1996). "CNS Involvement in von Hippel-Lindau Syndrome." AANN Annual Meeting, Toronto, Canada.

Strayer, A., and Noyes, J. (May 1995). "Neurosurgery Nurse Practitioner ... Knowing No Boundaries." AANN Annual Meeting, Portland, OR.

Noyes, J. and **Strayer, A.** (May 1994). "The Future is Now: BBBB with Intra-Arterial Chemotherapy." AANN Annual Meeting, Minneapolis, MN.

Everson, L. and **Strayer, A.** (October 1993). "Improving Care for the Patient with Epilepsy." Nursing Quality Assessment and Improvement Conference, Reno, Nevada.

REGIONAL COURSE PLANNING

Brooks, N., **Strayer A.**, Trost, G., (November 2019) "University of Wisconsin Multidisciplinary Spine Didactics and Lab. Planning committee.

STATE AND LOCAL

Strayer, Andrea
August 2022

PRESENTATIONS

Strayer, A. (October 2019). Transitions from Acute Care: A Concept Analysis. Poster presentation at the Department of Neurological Surgery annual Research Day. Madison, WI.

Strayer, A. (October 2019). Postoperative Urinary Retention in Older Adults after Spine Surgery: A SEIPS 2.0 Systems Review. Poster presentation at the Department of Neurological Surgery annual Research Day. Madison, WI.

Strayer, A. (April 2019). Advanced Concepts in Complex Nursing Practice: Acute Spinal Cord Injury. Podium presentation at the University of Wisconsin-Madison, School of Nursing, Honors BSN students.

Strayer, A. (October, 2017). "Spinal cord injury initial insult and mechanisms of injury". University of Wisconsin Hospital, Department of Nursing.

Strayer, A. (March 2013, April 2014, 2015, 2016). "Spinal Cord Injury and Neuro Assessment". UWHC.

Strayer, A. (September 2012). "Spine Anatomy, Pathology, Trauma, and Tumors" Certified Neuroscience Registered Nurse Review Course, Madison, WI.

Strayer, A. (May 2011). "Evaluation and Management of Low Back Pain". Wisconsin Nurses Association Advanced Practice Pharmacology conference. Madison, WI.

Strayer, A. (July 2010). "Functional A/P of the Spine and Spinal Cord." Madison Area Chapter of AANN.

Strayer, A. (October 2008). "Spine modules" CNRN prep course Madison, WI.

Strayer, A. (September 2005). "Advanced Neuroassessment" Acute Care NP Students, University of Wisconsin-Madison School of Nursing.

Strayer, A. (September 2005). "Neuroassessment" Nurse Resident Program, Rural Wisconsin Health Corporation.

Strayer, A. (September 2005). "Neuroassessment for AANS" UW Acute Care NP Program.

Strayer, A. (October 2004). "Cervical Spine Trauma: Pulling it all Together" AACN Conference, Madison, WI.

Strayer, Andrea
August 2022

Strayer, A. (November 2003). "Traumatic Spinal Cord Injury." AANN Local Chapter, Madison, WI.

Strayer, A. (December 2002). "Traumatic Spinal Cord Injury" AANN local chapter meeting, Madison, WI.

Strayer, A. (October 2001). "Structural and Functional Neuroanatomy of the Brain." 7th Annual Neuroscience Nursing Conference, Kimberly, WI.

Strayer, A. (March 2001). "Central Nervous System Infection, Seizures, and Epilepsy." University of Wisconsin-Madison, School of Nursing.

Strayer, A. (October 2000). "Nursing Considerations after Spinal Cord Injury." Spine Trauma: Current Trends in Care, Madison.

Strayer, A. (March 1999). "Laparoscopic Lumbar Fusion." Presentation to Madison Area Chapter, AANN.

Strayer, A. (yearly since 1998). "Acute Head Injury." Presentation to senior nursing students, Madison, WI.

Strayer, A. (March 1998). "Spine Update." An 8 hr series for Meriter Hospital Neuroscience Nurses, Madison, WI.

Strayer, A. (August 1996). "A Neurological Assessment." Presentation at the UWHC Physical Assessment Continuing Education Conference.

Strayer, A. (July 1996). "Neurological Assessment." Presentation to UWHC Nurse Interns.

Strayer, A. (October 1995). "Neurological Assessment." Lecture to Nursing 301 students, University of Wisconsin School of Nursing, Madison, WI.

Strayer, A. (October and February 1995). "Transcranial Doppler" and "Spinal Cord Injury." Basic Critical Care, University of Wisconsin Hospital and Clinics.

Strayer, A. (September 1995). "Radiofrequency Rhizotomy for Trigeminal Neuralgia," Madison Area Chapter of AANN.

Strayer, A. and Noyes, J. (March 1995). "Neuroscience Assessment." Presentation to Jefferson Home Health nurses, Baraboo, WI.

Strayer, Andrea
August 2022

Strayer, A. (July 1994). "Neuroscience Update." Presentation at Update and Review of Medical/Surgical Nursing.

Strayer, A. (June 8, 1994). "Spinal Cord A and P." Presentation at Neuroanatomy and Physiology Workshop.

Strayer, A. (November 1993). "Care of the Patient Having a Seizure." Presentation to Physical Therapy Department, University of Wisconsin Hospital and Clinics.

Strayer, A. (June 1993). "Neurological Assessment." Presentation at VA Hospital to 22 medical/surgical nurses.

Strayer, A. (October and November 1992). "Embolizations. Stroke: Helping Your Patient Through the Maze." Conference, 90 attendees.

Strayer, A. (November 1992). "Altered States of Arousal and Awareness." Critical Care Workshop for RNs.

Strayer, A. (3 times a year, starting 10/90 to present). "Spinal Cord Injury." Guest Lecturer, N422, University of Wisconsin School of Nursing, Madison, WI.

Strayer, A. (July 1992). "Seizure Recognition and First Aid." Presentation for Environmental Management Service, VA Hospital.

Strayer, A. (November 1991). Panel member at Collaborating for the Future Conference, Madison, WI.

Strayer, A. (October and November 1991; February and May 1992). "Care of the Patient who has Seizures." Guest Speaker to nursing students on neurology rotation, Madison Area Technical College, Madison, WI.

Strayer, A. (September 1990 and October 1991). "Middle Cerebral Artery." Inservice for Neuroscience Nurses, University of Wisconsin Hospital and Clinics and VA Hospital.

Strayer, A. (November 1990). "Neuroscience Nursing: Comprehensive Approaches to Neuromotor Disorders." A member of the multidisciplinary panel that discussed a patient case study.

Strayer, A. (January 1989). "Assessment and Management of Persons with Selected Neurological Dysfunctions: Spinal Cord Injury" University of

Strayer, Andrea
August 2022

Wisconsin School of Nursing Continuing Education in Nursing radio teleconference.

**PROFESSIONAL
MEMBERSHIP**

Member, Midwest Nursing Research Society, 2020-present.

Member, North American Spine Society, 2020-present.

Member, American Nurses Association, 2011-present.

Member, Wisconsin Nurses Association, 2011-present.

Member, AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves. 2006 to present.

Associate Member, American Association of Neurological Surgeons, 2004–present.

Affiliate Member, Congress of Neurological Surgeons, 2002 to present.

Founding Member, Madison Area Chapter of the American Association of Neuroscience Nurses, 1994 to present.

Member, American Association of Neuroscience Nurses, 1988 to present.

Associate Member, International Intradiscal Therapy Society, 1995 to 1998.

**LOCAL
COMMITTEE
SERVICE**

Patient Experience Committee, UWHealth. July 2017 –2019.

Inpatient Advanced Practice Provider Council, UWHC, July 2014-July 2016.

Member Resident Inpatient Superuser Healthlink (EHR) committee. July 2014-June 2016.

Advanced Practice Provider Council, UW Health, September 2012-October 2014.

Chair, Nursing Credentialing Council, UWHC. July 2011-June 2013.

Member, Medical Credentialing Committee, UWHC. July 2011 – June 2013.

Strayer, Andrea
August 2022

Member, QUIPOC, UWHC. July 2011- June 2013.

Conference Co-Coordinator: The Head Bones Connected to the Tail Bone, November 2004.

Conference Co-Coordinator: Spine Trauma-Challenges and Considerations for Neuroscience Nurses, Nov. 2003.

Conference Co-Coordinator: Care of the Epilepsy Patient 2003, May 2003, Madison, WI.

Conference Coordinator: Neuroscience Nursing 2002, April 2002, Madison.

Chair, Continuing Education Committee, Madison Area Chapter 1994-1998.

President, Madison Area Chapter of the American Association of Neuroscience Nurses, 1995 to 2000.

Member, Planning Committee: Spine Trauma: Current Trends in Care, October, 2000. Madison.

Conference Coordinator: Central Nervous System Tumors: Current Trends in Care, October 1999. Madison.

Conference Coordinator: Traumatic Brain Injury: Current Trends in Care, October 1999, Madison.

Conference Coordinator: The Neurovascular Patient ... Current Trends in Care, October 1996. Madison.

Member, Planning Committee: Movement Disorders Conference, Fall 1995. Madison.

Member, Planning Committee: Epilepsy: Evaluation Process and Surgical Interventions Fall 1994. Madison.

Conference Coordinator: Brain Tumors: Treatment Trends and Nursing Perspectives, fall 1993. Madison.

Member, Board of Directors, Epilepsy Center South Central, 1992-1993.

Conference Coordinator: Stroke: Helping Your Patient Through the Maze, Fall 1992, Madison.