

CURRICULUM VITAE
University of Pittsburgh
School of Health & Rehabilitation Sciences

BIOGRAPHICAL

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EDUCATION and TRAINING

UNDERGRADUATE:

1985-1989	Utica College of Syracuse University Utica, NY	Bachelor of Science	1989	Occupational Therapy
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GRADUATE:

1991-1993	SUNY at Buffalo Buffalo, NY	Master of Science	1993	Occupational Therapy
1998-2005	University of Pittsburgh Pittsburgh, PA	Doctor of Philosophy	2005	Rehabilitation Science

APPOINTMENTS and POSITIONS

ACADEMIC:

2010 – current	Department of Rehabilitation Science & Technology	Assistant Professor
1996 - 2009	Department of Rehabilitation Science & Technology School of Health & Rehabilitation Sciences University of Pittsburgh, Pittsburgh, PA	Instructor
1994 - 1995	Department of Pediatrics School of Medicine Graduate School of Health Sciences New York Medical College, Valhalla, NY.	Instructor Lecturer

NON-ACADEMIC:

209 – current	Veterans Administration Polytrauma Rehabilitation Center Assistive Technology Labs Contract, University of Pittsburgh, Pittsburgh, PA	Project Director
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2007 - current	Continuing Education Program (RSTCE), Department of Rehabilitation Science and Technology, University of Pittsburgh Pittsburgh, PA	Director
2005 - current 2001 – 2005 1996 - 2001	Center for Assistive Technology University of Pittsburgh Medical Center Pittsburgh, PA	Practitioner Director Director of Clinical Services
1993 - 1995	Wheelchair Seating and Mobility Clinic, Westchester Institute For Human Development / Westchester County Medical Center, Valhalla, NY	Program Director
1989 - 1991	New England Rehabilitation Hospital, Portland, ME	Staff Occupational Therapist

CERTIFICATION and LICENSURE

SPECIALTY CERTIFICATION

Certified Occupational Therapist, Registered (OTR). **1989-present**
National Board for Certification in Occupational Therapy, Inc.
(NBCOT). Certification #3391.

Certified Assistive Technology Professional (ATP). **1997-present**
Rehabilitation Engineering & Assistive Technology Society
of North America (RESNA).

PROFESSIONAL LICENSURE

Licensed Occupational Therapist (OTR/L). **1991-present**
Commonwealth of Pennsylvania. License #OC-002785-L

MEMBERSHIPS in PROFESSIONAL and SCIENTIFIC SOC

American Occupational Therapy Association, Inc. (AOTA) **1989-present**
Rehabilitation Engineering & Assistive Technology Society
of North America (RESNA) 1991-present
National Registry of Rehabilitation Technology Suppliers (NRRTS) 2005-present

HONORS

Academy of Spinal Cord Injury Professionals, **Clinical Performance Award.** **2012**
Rehabilitation Engineering & Assistive Technology Society
of North America, Roster of Fellows 2012
Rehabilitation Engineering & Assistive Technology Society
of North America, Certificate of Appreciation 2009
University of Pittsburgh, Office of Technology Management, **Pitt Innovator Award** 2008
Rehabilitation Engineering & Assistive Technology Society
of North America, Certificate of Appreciation 2008
University of Pittsburgh, Department of Rehabilitation Science & Technology,
Distinguished Teaching Award 2007

Rehabilitation Engineering & Assistive Technology Society of North America, Certificate of Appreciation	2007
National Registry of Rehabilitation Technology Suppliers, Friend of NRRTS Award	2006
American Occupational Therapy Association, Service Commendation	2006
Rehabilitation Engineering & Assistive Technology Society of North America, Certificate of Appreciation	2005
United Cerebral Palsy Association of Pittsburgh, Advocacy & Awareness Award	2004
University of Pittsburgh, Department of Rehabilitation Science & Technology, Distinguished Teaching Award	2003
UPMC Health System, Diversified Services Division, President's Award	2002
American Occupational Therapy Association, Service Commendation	1999

PUBLICATIONS

Refereed Articles:

1. Gartz, R., Goldberg, M., Miles, A., Cooper, R., Pearlman, J., **Schmeler, M.**, Jonassen Bittman, S. & Hale, J. (2016). [Development of a contextually appropriate, reliable and valid basic Wheelchair Service Provision Test](#). Published online *Disability & Rehabilitation Assistive Technology*.
2. Kumar, A., **Schmeler, M.R.**, Karmarker, A., Collins, D., Cooper, R., Cooper, R.A., Shin, H., & Holm, M.B. (2013). Test-Retest Reliability of the Functional Mobility Assessment (FMA): A Pilot Study. *Disability & Rehabilitation: Assistive Technology*, 8(3). 213-219.
3. Sharma, V., Simpson, R., LoPresti, E., & **Schmeler, M.** (2012). Driving backwards using a semi-autonomous smart wheelchair system (DSS): A clinical evaluation. *Journal of Applied Bionics and Biomechanics*, 9(4). 347-365.
4. Sharma, V., Simpson, R., LoPresti, E., & **Schmeler, M.** (2012). Clinical Evaluation of a Semi-autonomous Smart Wheelchair Architecture (Drive Safe System) with Visually Impaired Individuals. *Journal of Rehabilitation Research and Development*, 49(1). 35-50.
5. Kim, K.Y., Kim, Y.S., & **Schmeler, M.R.** (2012). Remote decision support for wheeled mobility and seating devices. *Expert Systems with Applications*, 39, 7345-7354.
6. Schein, R.M., **Schmeler, M.R.**, Holm, M.B., Pramuka, M., Saptono, A., & Brienza, D.M. (2011). Telerehabilitation assessment using the Functioning Everyday with a Wheelchair-Capacity instrument. *Journal of Rehabilitation Research & Development*, 48(2). 115-124.
7. Brienza, D., Kelsey, S., Karg, P., Allegretti, A., Olson, M., **Schmeler, M.**, Zanca, J., Geyer, M.J., Kusturiss, M.B., & Holm, M. (2010). A randomized clinical trial on preventing pressure ulcers with wheelchair seat cushions. *Journal of the American Geriatrics Society*, 58(12), 2308-2314.
8. **Schmeler, M.R.**, Schein, R.M., Fairman, A., Brickner, M., Mann, W.C., & Justice, J. (2010). Telerehabilitation Position Paper. *American Journal of Occupational Therapy*, 64(6), S92-S102.

9. Schein, R.M., **Schmeler, M.R.**, Holm, M.B., Saptono, A., & Brienza, D.M. (2010). Telerehabilitation Wheeled Mobility and Seating Assessments Compared to In-Person. *Archives of Physical Medicine and Rehabilitation*, 91(6), 874-878.
10. Schein, R.M., **Schmeler, M.R.**, Saptono, A., & Brienza, D.M. (2010). Patient Satisfaction with Telerehabilitation Assessments for Wheeled Mobility and Seating. *Assistive Technology*. 22(4), 215-222.
11. Parmanto, B., Saptono, A., Pramana, G., Pulantara, W., Schein, R.M., **Schmeler, M.R.**, McCue, M.P., & Brienza, D.M. (2010). VISYTR: Versatile and Integrated System for Telerehabilitation. *Telemedicine and E-health*, 16(9), 939-944.
12. Sharma, V., Simpson, R., LoPresti, E., & **Schmeler, M.** (2010). Evaluation of a Semi-autonomous Navigation Assistance System for Power Wheelchairs with Blindfolded Nondisabled Individuals. *Journal of Rehabilitation Research and Development*, 47(9), 877-890.
13. Arva, J., Paleg, G., Lange, M.L., Lieberman, J., **Schmeler, M.R.**, Dicianno, B.E., Babinec, M., & Rosen, L. (2009). RESNA position on the application of wheelchair standing devices. *Assistive Technology*, 21 (3): 161-168.
14. Arva, J., **Schmeler, M.R.**, Lange, M.L., Lipka, D.D., & Rosen, L.E. (2009). RESNA position on the application of seat-elevating devices for wheelchair users. *Assistive Technology*, 21 (2): 69-72.
15. **Schmeler, M.R.**, Schein, R.M., McCue, M.P., & Betz, K. (2009). Telerehabilitation and clinical applications: Research, opportunities, and challenges. *International Journal of Telerehabilitation*, 1(1), 59-72.
16. Dicianno, B.E., Margaria, E., Arva, J., Lieberman, J.M., **Schmeler, M.R.**, Souza, A., Phillips, K., Lange, M., Cooper, R., Davis, K., & Betz, K.L. (2009). RESNA position on the application of tilt, recline, and elevating legrests for wheelchairs. *Assistive Technology*, 21(1), 13-22.
17. Schein, R., **Schmeler, M.**, Brienza, D., Saptono, A., & Parmanto, B. (2008) Development of a service delivery protocol used for remote wheelchair consultation via Telerehabilitation. *Telemedicine and e-Health*, 14(9). 932-938.
18. Jackson, A.B., Carnel, C.T., Ditunno, J.F., Read, M.S., Boninger, M.L., **Schmeler, M.R.**, Williams. S.R., & Donovan, W.H., & Gait and Ambulation Subcommittee. (2008). Outcome measures for gait and ambulation in the spinal cord injury population. *Journal of Spinal Cord Medicine*, 31(5):487-499.
19. Mills, T.L., Holm, M.B., & **Schmeler, M.R.** (2007). Test-retest reliability and cross validation of the Functioning Everyday with a Wheelchair Instrument. *Assistive Technology*, 19(2). 61-75.
20. Wakeford, L., Whitman, P., White, M.W., & **Schmeler, M.R.** (2005). Telerehabilitation position paper. *American Journal of Occupational Therapy*, 59(6), 656-660.

21. Buning, M.E., Hammel, J., Angelo, J., **Schmeler, M.**, Doster, S., Voelkerding, K., & Garza, E.R. (2004). American Occupational Therapy Association, Commission on Practice. Assistive technology within occupational therapy practice. *American Journal of Occupational Therapy*, 58(6), 678-680.
22. Fass, J.M., Cooper, R.A., Fitzgerald, S.G., **Schmeler, M.R.**, Boninger, M.L., Algood, S.D. Ammer, W.A., Rentschler, A.J. & Duncan, J. (2004). Durability, value, and reliability of selected electric powered wheelchairs. *Archives of Physical Medicine & Rehabilitation*. 85(5), 805-814.
23. Hunt, P.C., Boninger, M.L., Cooper, R.A., Zafonte, R.D., Fitzgerald, S.G., & **Schmeler, M.R.** (2004). Demographic and socioeconomic factors associated with disparity in wheelchair customizability among people with traumatic spinal cord injury. *Archives of Physical Medicine & Rehabilitation*, 85, 1859–1864.
24. Geyer, M.J., Brienza, D.M., Bertocci, G.E., Crane, B., Hobson, D., Karg, P., **Schmeler, M.**, Trefler, E. (2003) Wheelchair seating: a state of the science report. *Assistive Technology*, 15(2), 120-28.
25. Cooper, R.A., Boninger, M.L., Cooper, R., Dobson, A.R., Kessler, J., **Schmeler, M.**, & Fitzgerald, S.G. (2003). Use of the Independence 3000 IBOT Transporter at home and in the community. *Journal of Spinal Cord Medicine*, 26(1), 79-85.
26. Cooper, R.A., Boninger, M.L., Brienza, D.M., van Roosmalen, L., Koontz, A.M., LoPresti, E., Spaeth, D.M., Bertocci, G.E., Guo, S., Buning, M.E., **Schmeler, M.**, Geyer, M.J., Fitzgerald, S.G., Ding, D. (2003). Pittsburgh Wheelchair and Seating Biomechanics Research Program. *Journal of the Society of Biomechanisms*, 27(3), 144-157.
27. Mills, T., Holm, M.B., Trefler, E., **Schmeler, M.**, Fitzgerald, S., & Boninger, M. (2002). Development and consumer validation of the Functional Evaluation in a Wheelchair (FEW) instrument. *Disability and Rehabilitation*, 24, 38-46.
28. Bunning, M.E., Angelo, J.A., & **Schmeler, M.R.** (2001). Occupational performance and the transition to powered mobility: A pilot study. *American Journal of Occupational Therapy*, 55(3), 339-344.
29. Buning, M.E., Hammel, J., Angelo, J., **Schmeler, M.R.**, & Doster, S. (1998). The use of general information and assistive technology within occupational therapy practice (position paper). *American Journal of Occupational Therapy*, 52(10), 870-871.
30. Angelo, J.A., Bunning, M.E., **Schmeler, M.R.**, & Doster, S. (1997). Identifying best practices in the occupational therapy assistive technology evaluation: An analysis of three focus groups. *American Journal of Occupational Therapy*, 51(10), 916-920.
31. Schmeler, M.R. (1989). Surgical flap reconstruction of the mutilated hand with emphasis on the use of the foot as a donor site. *Journal of Occupational Therapy - Students*. 4(1), 28-35.

Reviews, Invited Published Papers, Proceedings of Conference and Symposia, Monographs, Books, and Book Chapters:

1. Goldberg, M., Page, L., & **Schmeler, M.R.** Learning Outcome Differences between Online and Hybrid Continuing Education in Assistive Technology. *Submitted for publication to Assistive Technology.*
2. Schiappa, V., **Schmeler, M.**, Schein, R., Betz, K., & DiGiovine, C. (2016, March). Systematic Development of a Clinical Wheelchair Assessment Checklist. *In Proceedings of the 32nd International Seating Symposium.* Vancouver, BC. pp. 92-94.
3. Miles, A., Goldberg, M., Gartz, R., Pearlman, J., **Schmeler, M.** (2016, March). How to Develop a Contextually Appropriate, Reliable, and Valid Wheelchair Service Provision Assessment. *In Proceedings of the 32nd International Seating Symposium.* Vancouver, BC. pp. 37-40
4. Altschuler, D., **Schmeler, M.R.**, & Pearlman, J. (2015, February). Optional Safety Equipment and Potentially Opening the Door to Liability. *In Proceedings of the 31st International Seating Symposium.* Nashville, TN. pp. 121-124.
5. Schein, R.M., **Schmeler, M.R.** Saptano, A., Dicianno, B., & Digiovine, C. (2015, February). Updates on the Functional Mobility Assessment Outcomes Registry. *In Proceedings of the 31st International Seating Symposium,* Nashville, TN. p. 81.
6. **Schmeler, M.R.**, Schein, R.M., DiGiovine, C., & Saptano, A. (2014, March). Update on the Functional Mobility Assessment Uniform Dataset Registry. *In Proceedings of the 30th International Seating Symposium.* Vancouver, Canada. pp.
7. DiGiovine, C, Rosen, L., Berner, T., Betz, K., Roesler, T., & **Schmeler, M.R.** (2012). RESNA Position on the Application of Ultralight Manual Wheelchairs. *Approved by RESNA BOD March 27, 2012. To be submitted to the Assistive Technology Journal.*
8. Schein, R.M., Saptano, A., & **Schmeler, M.R.** (2011, March). Use of Telerehabilitation in Wheeled Mobility & Seating Clinics. *In Proceedings of the 27th International Seating Symposium,* Nashville, TN. pp. 133-134.
9. Allegretti, A. Schein, R.M., **Schmeler, M.R.**, Brienza, D.M. (2011, March). Using Telerehabilitation to Educate Remote Therapists in Prescribing Wheeled Mobility and Seating Devices. *In Proceedings of the 27th International Seating Symposium,* Nashville, TN. pp. 209-210.
10. Shea, M., Arledge, S., Armstrong, W., Babinec, M., Dicianno, B., Digiovine, C., Dyson-Hudson, T., Pederson, J., Piriano, J., Plummer, T., Rosen, L., **Schmeler, M.**, & Stogner, J. RESNA Wheelchair Service Provision Guide. *Approved by RESNA BOD January 26, 2011. To be submitted to the Assistive Technology Journal.*
11. Schein, R.M., Saptano, A., Schmeler, M.R., & Parmanto, B. (2011, March). Development and Usability of an On-Line Assistive Technology Outcome Management Database. *In Proceedings of the 27th International Seating Symposium,* Nashville, TN. pp. 197.
12. Boninger, M.L., **Schmeler, M.R.**, McClure, L., Cooper, R.A., Cooper, R. (2010).

Wheelchairs. In, W.R. Frontera & J.A. Delisa (Eds.) DeLisa's Physical Medicine & Rehabilitation: Principles and Practice (5th ed.) Philadelphia: Wolters Kluwer / Lippincott Williams & Wilkins.

13. **Schmeler**, (2010, June). Outcome Measures – What Can I Use in my Clinic? *In Proceedings of the 4th International Interdisciplinary Conference on Posture & Wheeled Mobility*, Glasgow, Scotland. p. 7.
14. Young-Kim, K., Kim, Y.S., Schmeler, M.R., & Schein, R.M. (2009) Remote Wheelchair Selection: Supporting Wheeled Mobility and Seating Device Stakeholder's Decision in Telerehabilitation. In Crus-Cunha, M, Tavares, AJ, Simoes, R. (Eds.) *Handbook of Research on Developments in E-Health and Telemedicine: Technological and Social Perspectives*. Hershey: IGI Global.
15. Schein, R.M. & **Schmeler, M.R.** (2009, September). Systematic Development & Outcome of a Protocol for the Provision of Wheelchair Services via Telerehabilitation. *In Proceedings of the 2nd European Seating Symposium*, Dublin, Ireland. pp. 86-88.
16. **Schmeler, M.** & Betz, K. (2009, September). To Push or Not to Push: The Manual Vs. Powered Mobility Debate. *In Proceedings of the 2nd European Seating Symposium*. Dublin, Ireland. p. 136.
17. Allegretti, A, Brienza, D, Holm, M.B., & **Schmeler, M.R.** (2009, March). Decision Making Process for Wheelchair and Cushion Selection. *In Proceedings of the 25th International Seating Symposium*, Orlando, FL. p. 163.
18. Dicianno, B.E., Lieberman, J.M., **Schmeler, M.R.**, & Rosen, L. (2009, March). Scientific Summary of the Current Mobility-Related RESNA Position Papers. *In Proceedings of the 25th International Seating Symposium*, Orlando, FL. pp. 103-104.
19. Schein, R.M. & **Schmeler, M.R.** (2008). From a distance: Telerehab delivers skilled wheelchair services to remote areas and home-bound patients. *Advance for Directors in Rehabilitation* 17, 26-28.
20. Dicianno, B.E., Lieberman, J.M., & **Schmeler, M.R.** (2008, March). State of the literature on power seat functions: What is the scientific evidence? *In Proceedings of the 24th International Seating Symposium*, Vancouver, Canada. pp. 225-228.
21. Betz, K. & **Schmeler, M.R.** (2008, March). To push or not to push: An interactive discussion on manual vs. powered mobility choice. *In Proceedings of the 24th International Seating Symposium*, Vancouver, Canada. pp. 220-221.
22. Schmeler, M.R., Engstrom, E., Crane, B., & Cooper, R. (2007). Seating biomechanics and systems. In, R.A. Cooper, Ohnabe, H. & D.A. Hobson (Eds.) *An introduction to rehabilitation engineering*. pp 101-115. New York: Taylor & Francis.
23. Schmeler, M.R. & Chovan, C.D. (2007, June). MAE Assessments Can Lead to Referrals. *HME Today*, (19).

24. Schein, R.M., & **Schmeler, M.R.** (2007, June). Telerehabilitation: A proposed innovative approach for rural wheelchair service delivery. Rehabilitation Engineering and Assistive Technology Society of North America. Phoenix, AZ.
25. Kim, Y.S., Kim, K.Y., **Schmeler, M.**, & Schein, R. (2007, May). A decision support system for remote wheelchair selection in telerehabilitation. Industrial Engineering Research Conference. Nashville, TN.
26. Schein, R., & **Schmeler, M.R.** (2007, May). Telerehabilitation: Expanding access to wheelchair provision and service delivery. American Telemedicine Association. Nashville, TN.
27. **Schmeler, M.R.** & Schein, R.M. (2007, May). Telerehabilitation application and its potential impact on wheelchair provision and service delivery. *Proceedings of the 1st European Seating Symposium*, Dublin, Ireland. p 16.
28. Schmeler, M.R. (2007, Winter). Clinical Requirements for Mobility Assistive Equipment: Do they make sense and how can we meet the demand? *NRRTS News*. pp. 24-25.
29. **Schmeler, M.R.** & Betz, K.L. (2006, December). Weighty Decisions for Lightweight Wheelchairs. *Home Health Care Dealer Provider*, (18).
30. Arva, J. & **Schmeler, M.R.** (2006, October). RESNA Position Papers on Wheelchair Seat Elevators & Wheelchair Standers. *Proceedings of the Canadian Seating & Mobility Conference*, Toronto, Canada. pp. 88-89.
31. Schmeler, M.R., Holm, M.B., Mills, T.L. (2006, October). Wheelchair functional outcomes measures & Functioning Everyday with a Wheelchair. *Proceedings of the Canadian Seating & Mobility Conference*, Toronto, Canada. pp. 42-45.
32. Schmeler, M.R. (2006, September). Assessment & Provision of Wheeled Mobility & Seating Using Best-Practice, Evidence Based Practices & Understanding Coverage Policy. *Proceedings of the Integris Jim Thorpe Rehabilitation Hospital Insights into Spinal Cord Injury Conference*, Midwest City, OK.
33. Schein, R., Schmeler, M.R., Kim, J, Kim, KY, Regulski, A., & Fatulla, A. (2006, June). Proposed protocol for remote wheelchair consultation using telerehabilitation. Rehabilitation Engineering and Assistive Technology Society of North America. Atlanta, GA.
34. Schmeler, M.R. & Chovan, C.D. (2006, March). Assessment and provision of wheeled mobility & seating using best practice, evidence based practice and understanding coverage policy. *In Proceedings of the 22nd International Seating Symposium*, Vancouver, Canada. pp. 182-185.
35. Allegretti, A. & **Schmeler, M.R.** (2006, March). Summary of selected evidence in the use of pressure reducing wheelchair cushions for at-risk nursing home residents. *In Proceedings of the 22nd International Seating Symposium*, Vancouver, Canada. pp. 150-151.

36. **Schmeler, M.R.** & Dicianno, B.E. (2006, February). Doctors and documentation. *Home Health Care Dealer Provider*, (18).
37. Schmeler, M. (2006, Winter). Future Direction of the CRTS. *NRRTS News*. pp. 1, 9, & 11.
38. Schmeler, M.R. (2005). Development and Testing of a Clinical Outcome Measurement Tool to Assess Wheeled Mobility and Seating Interventions. Doctoral Dissertation. University of Pittsburgh. etd-11032005-153241.
39. Schmeler, M.R. (2005, April). A Systematic Review of Wheelchair Functional Outcome Measures. *In Proceedings of the 2005 International Conference on Posture & Wheeled Mobility*, Exeter, England. pp. 115-116.
40. Mills, T. & **Schmeler, M.R.** (2005, January). Functioning Everyday with a Wheelchair (FEW): Application for Assessing Wheelchair Function in Clinic, Home, and Community Environments. *Presentation at the 21st International Seating Symposium*, Orlando, FL. pp 137-139.
41. Bunning, M.E., Angelo, J.A., & **Schmeler, M.R.** (2004). Transitioning to power: The effect on occupational performance. *Rehab & Community Care Medicine*, 13(3), 12, 14.
42. Boninger, M.L., Cooper, R.A., **Schmeler, M.**, Cooper, R. (2004). Wheelchair prescription and adaptive seating. In, J.A. Delisa B.M. Gans (Eds.) *Rehabilitation medicine: Principles and practice* (4th ed.) Philadelphia: Lippincott-Raven.
43. Arva, J. & **Schmeler, M.R.** (2004, March). Vertical mobility: An overlooked necessity. *In Proceedings of the 20th International Seating Symposium*, Vancouver, Canada. pp. 277-280.
44. Cooper, R.A., Cooper, R., **Schmeler, M.R.**, & Boninger, M.L. (2004, March/April). Push for power. *Rehab Management: the Interdisciplinary Journal of Rehabilitation*, 17(2). pp. 32, 34-36.
45. Allegretti, A., Fitzgerald, S., **Schmeler, M.**, Cooper, R.A., Boninger, M.L., & Shapcott, N. (2004, March). Pelvic positioning evaluations for wheelchair selection: A comparison between in-person and video conferencing. *In Proceedings of the 20th International Seating Symposium*, Vancouver, Canada. pp. 215-216.
46. **Schmeler, M.R.**, Boninger, M.L., Cooper, R.A., & Cooper, R. (2004, January/February). Freestyle seating. *Rehab Management: the Interdisciplinary Journal of Rehabilitation*, 17(3). pp. 38-42.
47. **Schmeler, M.R.**, Kelleher, A., Cooper, R.A., & Cooper, R. (2003, October). On mobility. Show me the money: Medicare coverage policies for wheelchairs can be restrictive and outdated. *Advance for Directors in Rehabilitation*. 12(10). pp. 31-2, 34.
48. Buning, M.E. & **Schmeler, M.R.** (2003). Manual wheelchair seating & mobility. In, E. B. Crepeau, E. S. Cohn & B. A. B. Schell (Eds.) *Willard and Spackman's occupational therapy* (10th ed.), pp. 652-659. Philadelphia: Lippincott Williams

and Wilkins.

49. Schmeler, M.R., Bundy, A., Petro, T., & Stonfer, M.J. (2003, March). Cost and quality outcome of a power wheelchair leasing program for persons with terminal disease. *In Proceedings of the 19th International Seating Symposium, Orlando, FL.* pp. 187-188.
50. **Schmeler, M.R.** (2003, February). Raising the bar. *Home Health Care Dealer Provider*, (15)2, pp. 36-38.
51. Cooper, R.A., **Schmeler, M.**, Cooper, R., Thorman, T., & Boninger, M.L. (2002, December). The future of manual wheelchairs - Cover Story. *Advance for Occupational Therapy Practitioners*, 18(25). pp. 12-14.
52. Mills, T, Holm, M.B., **Schmeler, M.R.**, Trefler, E., Fitzgerald, S, Boninger, M.L., Buning, M.E., & Shapcott, N.G. (2002, June). The functional evaluation in a wheelchair (FEW) instrument: Test-retest reliability and cross-validation with consumer goals. In R. Simpson (Ed.), *RESNA 2002 Annual Conference Proceedings* (pp. 327-329). Minneapolis, MN: RESNA Press.
53. Cooper, R. Fitzgerald, S., Boninger, M.L., Cooper, R.A., Shapcott, N., Cohen, L., Thorman, T., & **Schmeler, M.** (2002, June). Using telerehabilitation to aid in selecting a wheelchair. In R. Simpson (Ed.), *RESNA 2002 Annual Conference Proceedings* (pp. 245-247). Minneapolis, MN: RESNA Press.
54. Schmeler, M.R., Boninger, M.L., Cooper, R., & Vitek, M. (2002). Using peer-reviewed literature and other evidence to justify wheelchair seating and mobility interventions. *In Proceedings of the 18th International Seating Symposium, Vancouver, Canada.* pp. 173-184.
55. **Schmeler, M.R.**, Boninger, M.L., & Cooper, R. (2002, February). Burden of proof. *Advance for Directors in Rehabilitation*, 11(2). pp. 25-26.
56. Mills, T, Holm, M.B., Trefler, E., **Schmeler, M.R.**, Fitzgerald, S, & Boninger, M.L. (2001, June). Development of an outcome measure tool for wheelchair seating & mobility interventions: A work in progress. In R. Simpson (Ed.), *RESNA 2001 Annual Conference Proceedings* (pp. 345-347). Reno, NV: RESNA Press.
57. **Schmeler, M.R.**, Tovey, E.S., Shapcott, N.G., & Stonfer, M.J. (2001, March). The use of modular highstrength lightweight wheelchairs as a fleet. *Proceedings of the 17th International Seating Symposium, Orlando, FL.* pp. 133-137.
58. Cooper, R.A., **Schmeler, M.R.**, Cooper, R., Thorman, T. & Boninger, M.L. (2000, December). On the lighter side. *Advance for Providers of Post-Acute Care*, 3(11), pp. 71, 73.
59. Cooper, R.A., **Schmeler, M.R.**, Cooper, R., & Boninger, M.L. (2000, April/May). Advanced Seating Systems: Part II. *Rehab Management*, 13(3), pp. 60,62-64.
60. Cooper, R.A., **Schmeler, M.R.**, Cooper, R., & Boninger, M.L. (2000, February/March). Advanced Seating Systems: Part I. *Rehab Management*, 13(2), pp. 58, 60, 61.

61. Sanna, J., Lego, F., & **Schmeler, M.R.** (1998). The certified occupational therapy assistant in assistive technology; Perspectives from a vocational rehabilitation setting. *American Occupational Therapy Association, Technology Special Interest Section Quarterly*, 8(3), 1-4.
62. Schmeler, M.R. (1998, August). Guest Column: 10 Tips on Documenting the need for Assistive Technology. *TeamRehab Report*, 9(8), 16,17.
63. Malagodi, M., **Schmeler, M.R.**, Shapcott, N.G., & Pelleschi, T. (1998). The use of telemedicine in assistive technology service delivery: Results of a pilot study *American Occupational Therapy Association, Technology Special Interest Section Quarterly*, 8(1), 1-4.
64. Shapcott, N.G., **Schmeler, M.R.**, Pelleschi, T., Malagodi, M., & Garrand, S. (1998, February). TeleRehab: Telemedicine in rural assistive technology and service delivery. In *Proceedings of the 14th International Seating Symposium* (pp. 175-178). Vancouver, British Columbia, Canada: University of British Columbia.
65. **Schmeler, M.R.** (1997). Strategies in documenting the need for assistive technology: An analysis of documentation procedures. *American Occupational Therapy Association, Technology Special Interest Section Quarterly*, 7(3), 1-4.
66. **Schmeler, M.R.** & Dickerson, G. (1995). Powered mobility: Alternative and integrated controls. In *Proceedings of the AOTA 75th Annual Conference*. Denver, CO: AOTA.
67. Schmeler, M.R. (1995). Performance validation of a powered wheelchair mobility simulator. In *Proceedings of the Eleventh International Seating Symposium* (pp. 146-149). Pittsburgh, PA: University of Pittsburgh.
68. Schmeler, M.R., Johnson, D., & Granic, J. (1993). Powered wheelchair mobility simulator. In J.J. Presperin (Ed.), *Proceedings of the RESNA Sixteenth Annual Conference* (pp. 357-359). Las Vegas, NV: RESNA Press.
69. Schmeler, M.R. & Deputat, M. (1992) The intelligent microwave oven. In J.J. Presperin (Ed.), *Proceedings of the RESNA Fifteenth Annual Conference* (pp. 649-651). Toronto, Canada: RESNA Press.

PROFESSIONAL ACTIVITIES

TEACHING:

Courses Taught:

- Fall 1999-present: HRS 2724: Assistive Technology Funding, Policy, & Management. 3 Credits: 54 Hours of Lecture/Seminar, Average Enrollment: 8-12 students. Role: Co-Instructor with Daniel Fisher & Richard Schein

- Spring 1999-present: HRS 3710: Clinical Applications of Wheelchair Seating & Mobility. 4 Credits: 54 Hours of Lecture and 18 Hours Lab/Clinic. Average Enrollment: 4-8 students Role: Co-Instructor with Rosemarie Cooper
- Spring 2005-2011: HRS 2705: Rehabilitation Engineering and Assistive Technology Practices. 3 Credits: 54 Hours of Lecture & Case-Based Projects. Average Enrollment: 15 to 25 Students. Role: Co-Instructor
- Fall 2000-present: OT 2113: Rehabilitation Theory and Practice. 3 Credits: 54 Hours of Lecture, Fall Semesters. Average Enrollment: 60. Role: Guest Lecturer. Teach 8 hours of didactic content (online) related to wheelchair seating & mobility and 4 hours of lab (in-person).
- Fall 2000-present : PT 2062: Neuromuscular Causes II. 3 Credits: 54 Hours of Lecture. Average Enrollment: 60. Role: Guest Lecturer. Teach 8 hours of didactic content (online) related to wheelchair seating & mobility and 4 hours of lab (in-person).

Former Trainees:

1. Dalthea Beavers: Ph.D. Student (2014-16)
Current Position: Physical Therapist at Children’s Specialized Hospital, Mountainside, NJ
2. Vincent Schiappa: M.S. Student (2014-16)
Current Position: Ph.D. Student, University of Pittsburgh
3. Amit Kumar: M.S. Student (2008-10)
Current Position: Post-Doctoral Fellowship at Brown University
4. Ana Elisa Souza: M.S. (2005-07)
Current Position: Employed as Faculty in Brazil.
5. Thomas Bursick: M.S. Student (1999-2001)
Current Position: Assistive Technology Professional NuMotion, Pittsburgh, PA.
6. Julianna Arva: M.S. Student (1998-2000)
Current Position: Assistive Technology Product Manager in Abu Dhabi.

Current Trainees:

1. Mauricio Jaime Arredondo: M.S. Graduate Student, Department of Rehabilitation Science & Technology (2016-present)
2. Vincent Schiappa: Ph.D. Student, School of Health & Rehabilitation Sciences (2016-present)
3. Karl Kemmerer: M.S. Student, Department of Rehabilitation Science & Technology (2015-present)
4. Abbas Husain Quamar: Ph.D. Student, School of Health & Rehabilitation Sciences (2016-present)

Current Service on Dissertation Committees:

- 2014-present: dissertation committee for Deepan Kamaraj, Rehabilitation Science & Technology Ph.D. Student (PI: Dicianno)
- 2014-present: dissertation committee for Prerna Poojary, Rehabilitation Science & Technology Ph.D. Student (PI: Brienza)
- 2014-present: dissertation committee for Hervens Jeannis, Rehabilitation Science & Technology Ph.D. Student (PI: Cooper)
- 2013-present: dissertation committee for Elaine Houston, Rehabilitation Science & Technology Ph.D. Student (PI: Cooper)

Former Service on Master's and Doctoral Committees:

- 2012- 2016: external dissertation committee for Jenny Lieberman, New York University Ph.D. student (PI: Hinojosa)
- 2013-2015: dissertation committee for Eun-Kyoung Hong, Rehabilitation Science & Technology Ph.D. Student (PI: Cooper)
- 2013-2014: thesis committee for Eric Sinagra, Rehabilitation Science & Technology M.S. Student (PI: Pearlman)
- 2012-2013: external dissertation committee for Mary Rohland Goldberg, School of Education (PI: Lang)
- 2011- 2013: dissertation committee for Hsin-yi Liu, Rehabilitation Science & Technology Ph.D. Student (PI: Cooper)
- 2010-2012: dissertation committee for Justin Z. Laferrier, Rehabilitation Science & Technology Ph.D. Student (PI: Cooper)
- 2010-2011: dissertation committee for Ana Elisa Souza, Rehabilitation Science & Technology Ph.D. Student (PI: Cooper)
- 2010-2011: thesis committee for Pallavi Sood, Rehabilitation Science & Technology M.S. Student (PI: Brienza)
- 2009-2010: dissertation committee for Laura McClure, Rehabilitation Science & Technology Ph.D. Student (PI: Bonniger)
- 2007- 2009: dissertation committee for Vinod Sharma, Rehabilitation Science & Technology Ph.D. Student (PI: Simpson)
- 2007-2009: dissertation committee for Richard M. Schein, Rehabilitation Science & Technology Ph.D. Student (PI: Brienza)
- 2007-2008: external thesis committee for Michelle Spirtos: Master of Science student University College of Dublin/Trinity College Dublin, Ireland.
- 2006-2008: dissertation committee for Ana Luiza Allegretti, Rehabilitation Science & Technology Ph.D. Student (PI: Holm)
- 2004-2005: scholarly paper committee for Richard Schein, Rehabilitation Science & Technology M.S. Student (PI: Seelman)
- 2003-2004: thesis committee for Eliana Chaves: Rehabilitation Science & Technology M.S. Student (PI: Cooper)
- 2003-2004: thesis committee for Ana Luiza Allegretti, Rehabilitation Science & Technology M.S. Student (PI: Cooper)
- 2002-2003: scholarly paper committee for Roberta White, Rehabilitation Science & Technology M.S. Student (PI: McCue)

Mentoring of Trainees in Field Placements:

1998-present: Center for Assistive Technology, University of Pittsburgh Medical Center, Pittsburgh, PA.

Supervised the following RST graduate student interns: Julianna Arva (1998), Mary Ellen Bunning (1998), Thomas Bursick (2000), Megan Vitek (**2002**), Elianna Chaves (2003), Sean Reeves (2003), Ana Allegretti (2004), Richard Schein (2004), Ana Souza (2006), Amit Kumar (2009).

Supervised the following students in the CAT from the Department of Occupational Therapy as part of required Level I Fieldwork: Caitlin Sanford (2006), Lisa Pitre (2007), Travis Bell (2008), Carla Tcruz (2009), Catharine Wallace (2012), Johanna Keiper (2013), Courtney Sloan (2014), Tracy Maschoff (2015).

Continuing Education:

2012-present: Course Director: Rehabilitation Science & Technology Assistive Technology Certification Program (RST/Cert). 10 month - 36 hour (3.6 CEUs). Average Enrollment:

- 50 per cohort. *Hybrid directed online (synchronous and asynchronous) and in-person hands-on (Deep Dive) training program to prepare rehabilitation professionals for the RESNA Assistive Technology Professional (ATP) certification exam.*
- 2009-present: Course Director: International Seating Symposium (ISS). Average Attendance: 2000. *Bi-annual conference that is recognized in the field of wheeled mobility and seating as the premier event that brings together, clinicians, suppliers, manufacturers, researchers, and policy makers from around the world.*
- 2007-present: Scientific & Planning Committee: European Seating Symposium (ESS). Dublin, Ireland. Average Attendance: ~800. *Bi-Annual Conference modeled after the ISS.*
- 2014: Course Co-Chair: Asia Pacific Region Seating Symposium (APRSS). Xi'An, China. May, 19-20, 2014. Attendance: ~400. *First official Asian Pacific Region Seating Symposium modeled after the ISS and subsequent other Seating Symposia around the World.*
- 2013-present: Scientific & Planning Committee: Latin American Seating Symposium (LASS). Buenos Aires (2013) & Cordoba (2015), Argentina. Average Attendance: 600. *Bi-Annual conference modeled after ISS and previous symposia in Brazil and Argentina.*
- 2012: Scientific & Planning Committee: Indian Seating & Mobility Conference (ISMC). New Delhi, India. Attendance: ~150. *First symposium in Indian modeled after the ISS and similar symposia in Brazil, Argentina, and Europe.*
- 2006-2010: Scientific & Planning Committee: Brazilian Seating Symposium (BSS). São Paulo, Brazil. Average Attendance: ~400. *Bi-Annual Conference modeled after the ISS. Transformed into the Latin American Seating Symposium (LASS).*
- 2001-2006: Course Director: Three-Day Workshop in Wheeled Mobility & Seating. Average Attendance: 30. *Annual in-person training to rehabilitation professionals interested in advancing knowledge and skills in wheelchair seating and mobility.*

RESEARCH:

Current Grant Support:

1. VA-791-12-C-0021. (Supplement). Veterans Administration Assistance and Advisory Services for Spinal Cord Injury & Disorders (SCI/D). 2016-7. Role: Primary Investigator. 10% effort. U.S. Department of Veterans Affairs. \$339,500.
2. FMA 03233. Systematic Analysis of Functional Mobility Assessment (FMA) Outcomes Data. 2015-6. Role: Primary Investigator. 10% effort. VGM/US Rehab (corporate research agreement). \$77,211.
3. VA-791-12-C-0021. Veterans Administration Assistance and Advisory Services for Polytrauma Rehabilitation Center Assistive Technology Labs. **2013-6. Role: Primary Investigator. 25% effort.** U.S. Department of Veterans Affairs. \$2,000,000.

Past Grant Support:

1. **N/A.** Feasibility for a Standardized Home Environmental and Physical Assessment and Assistive Technology Rehabilitation. 2015-6. Role: Co-Investigator for University of Pittsburgh sub-contract from VA. 25% effort. U.S. Department of Veterans Affairs, Office of Rural Health. \$646,000.
2. **APC-GM-0068.** Wheelchair Secretariat. 2014-5. Role: Task Leader. 10% effort. U.S. Agency on International Development. **\$2,298,287.**

3. N/A. Veterans Administration Assistance and Advisory Services for Traumatic Brain Injury (TBI) Comprehensive Evaluation Teleconsultation Clinic. 2013-5. Role: Co-Investigator for University of Pittsburgh sub-contract from VA. 25% effort. U.S. Department of Veterans Affairs. \$734,000.
4. 2R01HD04149006A2. Randomized Clinical Trial (RCT) on Wheeled Mobility for Preventing Pressure Ulcers. 2010-5. Role: Investigator/Clinical Consultant. 10% effort. National Institutes of Health. \$2,600,000.
5. VA-791-08-RP-0058. Veterans Administration Assistance and Advisory Services for Polytrauma Rehabilitation Center Assistive Technology Labs. 2009-13. Role: Primary Investigator. U.S. Department of Veterans Affairs. \$3,640,000.
6. 596. Fundamentals of Wheeled Mobility & Seating Web-Based Education Program. 2008-11. Role: Primary Investigator. 10% effort. Paralyzed Veterans of America Education Foundation. \$98,788.
7. 1R43HD040023-01A1. Smart Wheelchair Component System. 2006-08. Role: Clinical Consultant. 10% effort. National Institutes of Health. \$750,000.
8. H133E040012. Rehabilitation Engineering & Research Center on Telerehabilitation (RERCTR). 2004-10. Role: Task Leader. 30% effort. National Institute on Disability & Rehabilitation Research. \$4,250,000.
9. 1R01HD04109. Randomized Clinical Trial on Prevention of Pressure ulcers with Seat Cushions. 200-8. Role: Investigator/Clinical Consultant. 10% effort. \$2,100,000.
10. H133N000019. University of Pittsburgh Model Center of Spinal Cord Injury. 2000-6. Role: Investigator. 5% effort. National Institute on Disability & Rehabilitation Research. \$1,900,000.
11. H133E990001. Rehabilitation Engineering and Research Center on Technology to Improve Wheeled Mobility. 1999-2005. Role: Co-Investigator. 10% effort. National Institute on Disability & Rehabilitation Research. \$4,650,000.
12. F2181C. Center of Excellence in Wheelchairs and Related Technology. 1999-2004. Role: Co-Investigator. 5% effort. Department of Veterans Affairs. \$4,000,000.
13. Center for Assistive and Rehabilitation Technology. 1999-2004. Role: Clinical Service Delivery. 10% effort. Pennsylvania Department of Labor & Industry, Office of Vocational Rehabilitation. \$3,750,000.
14. West Virginia Assistive Technology Services. 1999-2000. Role: Director of Clinical Services. 10% effort. West Virginia University. \$45,000.
15. Polk Center. 1998-9. Role: Director of Clinical Services. 20% effort. Pennsylvania Department of Health, Office of Mental Health & Mental Retardation. \$50,000.

Seminars and invited lectureships related to your research:

1. Schmeler, M.R. (2016, June). Strategies to Improve Our Clinical Quality of Life. *Keynote Presentation at the 5th European Seating Symposium*. Dublin, Ireland.

2. Schmeler, M.R., Schein, R.M., Saptano, A. & Schiappa, V.J. (2016, June). Update on the Functional Mobility Assessment Registry: Review & Preliminary Data Analyses. *Presentation at the Van G. Miller Group Heartland Conference*, Waterloo, IA.
3. Schmeler, M.R., Schein, R.M., Saptano, A. Schiappa, V.J., & DiGivione, C. (2016, May). Standardizing Functional Mobility Outcomes: Review & Preliminary Analyses. *Presentation at the Canadian Seating & Mobility Conference*, Toronto, ON, Canada.
4. Schmeler, M.R., Schein, R.M., Saptano, A. & Schiappa, V.J. (2016, April). Functional Mobility Assessment Outcomes Management. *Presentation at the Orthotics & Prosthetics Group of America Excellence Conference*, San Diego, CA.
5. DiGiovine, C., Schmeler, M.R., & Schein, R.M. (2015, November). Rehabilitation Assistive Technology: Professionalism in AT: Education, Ethics and Certification. Virtual Presentation sponsored by the Department of Veterans Affairs, Employee Education System, and the Office of Rehabilitation and Prosthetics Services.
6. Schmeler, M.R., Minkel, J., DiGiovine, C., Kwok, S., Glasberg, J., & Nelson, L. (2015, October). Bronx VAMC Wheelchair 'Deep Dive'. Bronx, NY.
7. Schmeler, M.R., Schein, R.M., Saptano, A. & Schiappa, V.J. (2015, October). Current Trends in Functional Outcomes for Wheelchair Seating & Mobility. *Presentation at Medtrade*, Atlanta, GA.
8. Schmeler, M.R., Schein, R.M., Saptano, A., & Schiappa, V.J. (2015, October). Functional Mobility Assessment & Strategies to Advance Complex Rehabilitation Technology. *Presentation to the Complex Rehab Network*, Ontario, CA.
9. Schmeler, M.R., Schein, R.M., Saptano, A., & Schiappa, V.J. (2015, September). FMA Outcomes Update & Program Progress. *Presentation at the US Rehab Excellence Conference*, Lake Tahoe, CA.
10. Schmeler, M.R., Schein, R.M., Saptano, A., Schiappa, V.J., & DiGivione, C. (2015, September). Functional Mobility Assessment: Outcomes Management System for Wheeled Mobility Devices. *Presentation at the Paralyzed Veterans of America Summit*, Jacksonville, FL.
11. Schmeler, M.R., Schein, R.M., Betz, K.L., & Jennings, M. (2015, September). Assistive Technology Lab Development: Strategies & Innovation. *Presentation at the Paralyzed Veterans of America Summit*, Jacksonville, FL.
12. Schmeler, M.R. & Betz, K.L. (2015, September). [Standardizing Functional Mobility Outcomes: Review & Preliminary Data Analyses](#). *Presentation at the Academy of Spinal Cord Injury Professionals Annual Conference*, New Orleans, LA.
13. Schmeler, M., Schein, R., Colomo, M.E., Burrola, A.Y., & Goldberg, M. (2015, August). RSTCert Deep Dive' Taller en Asistencias Tecnológicas. Deep Dive in Assistive Technology. *Universidad Teletón, Tlalnepantla, Estado de México, Mexico City*.
14. Schmeler, M.R., Schein, R.M., Saptano, A. Schiappa, V.J., & DiGivione, C. (2015,

- June). Functional Mobility Assessment: Updated Data Analyses. *Presentation at the VGM Heartland Conference, Waterloo, IA.*
15. Schmeler, M.R. (2015, June). Standardizing Functional Mobility Outcomes. Plenary Session at the 3rd Latin American Seating Symposium. Cordoba, Argentina.
 16. Schmeler, M.R. (2015, June). Overview of the International Society of Wheelchair Professionals (ISWP). Plenary Session at the 3rd Latin American Seating Symposium. Cordoba, Argentina.
 17. Betz, K.L., Coltellaro, J., & Schmeler, M.R. (2015, May). Independent Living with Assistive Technology, Plenary Session at the VA/DoD Federal Advanced Amputation Skills Training Symposium (FAAST). San Antonio Military Medical Center, TX.
 18. Schmeler, M.R. (2014, November). Current Trends in Functional Outcomes for Wheelchair Seating and Mobility, Presentation at the Complex Care, Equipment, & Outcomes in Catastrophic Injury Rehabilitation Conference, Craig Hospital, Englewood, CO.
 19. Schmeler, M.R. & Schein, R.M. (November, 2014). Outcome Management and Product Review. Presentation at the Veterans Health Administration Technology in Rehabilitation Hands on Course in Assistive Technology, Tampa, FL.
 20. Schmeler, M.R., Allegretti, A., & Teixeira, E. (2014, June). Taller Asistencias Tecnologicas; Fundamentals of Wheelchair Seating & Mobility. Two day workshop to entire medical staff of the Sistema Infantil Teleton. Cancun, Mexico.
 21. Schmeler, M.R. (2014, May). Improving Patient Experience and Outcome; A Service Delivery Model. Plenary Session at the 1st Asia Pacific Region Seating Symposium. Xi'An, China.
 22. Schmeler, M.R. & Betz, K.L. (2013, November). Overview of Assistive Technology Applications. Grand Rounds presentation to Sistema Infantil Teleton clinical staff. LaPaz, Baja, Mexico.
 23. Schmeeler, M.R. (2013, November). Development of a Consumer-powered Research Network for Wheeled Mobility & Seating. Closing Plenary Session at the 4th European Seating Symposium. Dublin, Ireland.
 24. Schmeler, M.R. (2013, November). [Up-to-date Research on Advocacy for Assistive Technology](#). Presentation at the University of North Carolina Health Care's 5th Annual Spinal Cord Injury Conference. Chapel Hill, NC.
 25. Schmeler, M.R. (2013, November). [The Right Wheelchair; Update on Best-Practice, Evidence, & Outcomes](#). Half Day Workshop sponsored by Permobil, Inc. Raleigh-Durham, NC.
 26. Schmeler, M.R. (2013, October). [The Right Wheelchair with Evidence, Outcomes, & Best Practice](#). Two-Day Workshop sponsored by Fonte Healthcare. Oneida Nation Turning Stone Resort, NY.

27. Schmeler, M.R. (2013, June). Moving Forward with Standardized Outcomes Measures. Presentation at the 1st Latin American Seating Symposium. Buenos Ares, Argentina.
28. Schmeler, M.R. (2013, June). State of the Science in Wheelchair Seating & Mobility. Opening Plenary Session at the 1st Latin American Seating Symposium. Buenos Ares, Argentina.
29. Schmeler, M.R. (2012, November). Telerehabilitation in Wheeled Mobility & Seating and Online Outcomes Management. Plenary Session at the 1st Indian Seating & Mobility Conference. New Delhi, India.
30. Schmeler, M.R. (2012, November). Service Delivery: Striving Towards a Standard. Plenary Session at the 1st Indian Seating & Mobility Conference. New Delhi, India.
31. Schmeler, M.R. (2012, September). Overview of VA Polytrauma Assistive Technology Labs. Presentation at the State of the Science Conference at Walter Reed National Military Medical Center, Bethesda, MD.
32. Schmeler, M.R. (2012, September). Advocacy Across the Lifespan: The Right Equipment at the Right Time with Evidence & Accountability. Keynote Address at the Academy of Spinal Injury Professionals Annual Conference, Las Vegas, NV.
33. DiGiovine, C.P., **Schmeler, M.R.**, Schein, R.M., & Oliver, M. (2012, June). Service Delivery Innovations and Strategies for Assistive Technology Centers, Presentation at the Rehabilitation Engineering and Assistive Technology Society of North America (RESNA) 2012 Conference, Baltimore, MD.
34. Schmeler, M.R. (2012, March). Overview of Assistive Technology Assessment & Service Delivery. 12th Veterans Administration Polytrauma Rehabilitation Center Assistive Technology Virtual Grand Rounds, Recorded via MediaSite Live, Pittsburgh, PA.
35. Schmeler, M.R. (2012, March). Rolling Strong – Progress & Opportunities in the Advancement of Wheeled Mobility & Seating. Plenary Session at the 28th International Seating Symposium, Vancouver, BC, Canada.
36. Schmeler, M.R., Cooper, R.A., & Hall, S. (2011, November). Research, Education, & Practice; The Past, Present, & Future of our Field. Closing Plenary Session at the 3rd European Seating Symposium, Dublin, Ireland.
37. Schmeler, M.R. (2011, November). Fundamentals of Seating. Presentation at the 3rd European Seating Symposium, Dublin, Ireland.
38. Schmeler, M.R., Schein, R.M., Saptono, A., Parmanto, B., & Margolis, S. (2011, October). Development of an Outcomes Management Database for Complex Rehabilitation Equipment. Presentation at the Medtrade Conference, Atlanta, GA.
39. Schmeler, M.R. & Betz, K.L. (2011, August). Power versus Manual Mobility. Presentation at the 1st International Seating Symposium – Argentina, Buenos Aires, Argentina.
40. Schmeler, M.R. (2011, August). Rehabilitation Technology Outcomes and Analysis. Presentation at the 1st International Seating Symposium – Argentina, Buenos Aires,

Argentina.

41. Schmeler, M.R., Schein, R.M., & Saptano, A. (2011, April). Assistive Technology Lab Development: Strategies & Innovations. Presentation at the Veterans Administration Polytrauma PRC-PNS Conference: Leading the Way to the Future of Rehabilitation Care, San Antonio, TX.
42. Schmeler, M.R. (2011, April). Outcomes Management: The Strive to Prove Complex Rehab Equipment Really Matters. The MED Group Leadership Summit, Las Vegas, NV.
43. Schmeler, M.R., Betz, K.L., & Piriano, J. (2011, March). Fundamentals of Wheelchair Seating & Mobility. Full-Day Pre-Conference Workshop at the 27th International Seating Symposium, Nashville, TN.
44. Schmeler, M.R. & O'Connor, R.J. (2010, June). Choosing an Outcome for Your Service. Pre-Conference Workshop at the Mobility 2010 Conference, Glasgow, Scotland.
45. Piriano, J., Cohen, L., & Schmeler, M.R. (2010, June). „Prove It!": Documentation Guidelines and Outcome Measures in Seating & Wheeled Mobility. Post-Conference Workshop at the 2010 RESNA Annual Conference, Las Vegas, NV.
46. Schmeler, M.R. & McClure, L. (2010, March). Integrating Outcome Measures into the Clinical Routine. Plenary Session at the 26th International Seating Symposium, Vancouver, Canada.
47. Schmeler, M.R. & Betz, K.L. (2010, February). Assistive Technology in Polytrauma Rehabilitation; Best Practice Recommendations. Veterans Health Affairs and Department of the Army Great Plains Regional Medical Command Traumatic Brain Injury Grand Rounds, Brooke Army Medical Center, San Antonio, TX.
48. **Schmeler, M.R.** (2009, September). Development of the Functioning Everyday with a Wheelchair Outcome Measure. Presentation part of a Pre-Symposium Workshop on Outcome Measures and Evidence-Based. 2nd European Seating Symposium. Dublin, Ireland.
49. Schmeler, M.R., Blackburn, G., & Hughes, P. (2009, June). Medicare Mobility Policy Vs. Industry Intent and Implementation. Half-Day In-Person & Web-Based Seminar Co-Sponsored by the University of Pittsburgh Department of Rehabilitation Science & Technology Continuing Education Program & the American Association for Homecare, Pittsburgh, PA.
50. Schmeler, M.R. (2009, June). Getting the Most Out of Your Therapists. Presentation at the Van G. Miller/US Rehab Heartland Conference. Waterloo, IA.
51. Schmeler, M.R. (2009, May). Evidence Based Practice in the Provision of Wheelchair Seating & Mobility. Presentation at the European Seating Symposium Study Day, Paris, France.
52. Schmeler, M.R. & Arva, J. (2009, April). Seat Functions & Evidence Based Practice.

Closing Plenary Presentation at the Posture Mobility Group Annual Conference, University of Warwick, Coventry, England, UK.

53. Schmeler, M.R. (2009, April). Telerehabilitation Clinical Applications. Parallel Presentation at the Posture Mobility Group Annual Conference, University of Warwick, Coventry, England, UK.
54. Schmeler, M.R. & Hall, S. (2009, April). Quantifying Functional Outcomes in AT – Wheeled Mobility & Seating. Pre-Conference Half-Day Presentation at the Posture Mobility Group Annual Conference, University of Warwick, Coventry, England, UK.
55. Schmeler, M.R., Dicianno, B., Collins, D., & Betz, K. (2009, March). Fundamentals of Wheelchair Seating and Mobility: Evaluation and Intervention. Full-Day Pre-Conference Workshop at the 25th International Seating Symposium, Orlando, FL.
56. Schmeler, M.R., Peterson, T., Verrett, C., Keiderling, J. Ball, M., Betz, K.L., & Pogir, H. (2008, October). Rehabilitation and Assistive Technology General Session - The Future of Rehab and Assistive Technology: Opportunities and Lingered Threats. Panel Moderator, Medtrade, Atlanta, GA.
57. Schmeler, M.R. & Betz, K.L. (2008, October). Push or Power; Indications for Manual Vs. Powered Mobility. Presentation at Medtrade, Atlanta, GA.
58. Schmeler, M.R. (2008, October). Overview of Documentation for Mobility Assistive Equipment. Presentation at the American Association for Homecare Continuum of Care Conference, Medtrade, Atlanta, GA.
59. Schmeler, M.R. (2008, October). Research and Development in Rehabilitation Science and Technology at the University of Pittsburgh. Presentation to Faculty and Students in Rehabilitation Sciences at the University of Ulster, Belfast, Northern Ireland, UK.
60. Schmeler, M.R. (2008, August). Powered Mobility & Seat Functions. Presentation at the 2nd Brazilian Seating Symposium, Sao Palo, Brazil.
61. Schmeler, M.R., Schein, R.M., Septono, A., Betz, K., & Fairman, A. (2008, June). Opportunities and Threats to Clinical Application of Telerehabilitation: An Interdisciplinary Discussion. Presentation at the RESNA Annual Conference. Washington, DC.
62. Schmeler, M.R., DiGiovine, C., Lenker, J., Berner, T., Kirby, R.L., Smith, C., Rosen, L., & Cooper, R. (2008, June). Clinical Application of Quantitative Measures in the Assessment and Provision of Mobility Assistive Equipment. Full-Day Pre-Conference Workshop at the RESNA Annual Conference, Washington, DC.
63. Schmeler, M.R., Dicianno, B.D., Blackburn, G., & Hughes, P. (2008, May). Best-Practices & Clinical Documentation for Mobility Assistive Equipment. Half-Day In-Person & Web-Based Seminar Co-Sponsored by the University of Pittsburgh Department of Rehabilitation Science & Technology Continuing Education Program & the American Association for Homecare, Pittsburgh, PA.
64. Schmeler, M.R. (May, 2008). Understanding the New Coverage and Documentation

Policies for Wheelchair Seating and Mobility Devices. Plenary Presentation at the Contemporary Forums Conference on Spinal Cord Injuries, San Francisco, CA.

65. Betz, K., **Schmeler, M.R.**, & Shaubach, L. (2008, May). Manual Wheelchairs: Selection, Configuration and Skills Training to Optimize Outcomes in Spinal Cord Injuries. Full-Day Preconference Workshop at the Contemporary Forums Conference on Spinal Cord Injuries, San Francisco, CA.
66. Schmeler, M.R. (2008, April). Keynote Address at the National Registry of Rehabilitation Technology Suppliers Conference on Continuing Education and Legislative Advocacy (CELA), Washington, DC.
67. Schmeler, M.R. (2008, April). Coverage Criteria & Selection of Cushions, Backs, and Positioning Accessories. Presentation at the Apria Healthcare Corporation Annual Sales Meeting, Chicago, IL.
68. Schein, R.M., Schmeler, M.R., & Brienza, D. (2008, April). Measuring change in function following the provision of a wheeled mobility and seating intervention via telerehabilitation. Panel Presentation at the American Telemedicine Association. Seattle, WA.
69. Schmeler, M.R., Betz, K., & Gayton, D. (2008, March). Assistive Technology Review Course. Full-Day Pre-Conference Workshop at the 24th International Seating Symposium, Vancouver, Canada.
70. Schmeler, M.R., Schein, R.M., Septono, A., Cohn, E., Brennan, D., & Bendixen, R. (2008, February). Home Telehealth and the Delivery of Remote Rehabilitation Services. Pre-Conference Intensive at the International Conference on Aging, Disability and Independence, St. Petersburg, FL.
71. Schmeler, M.R. (2007, December). Clinical Practice Guidelines in the Provision of Seat Functions. Presentation at the European Seating Symposium Study Day, Belfast, Northern Ireland, UK.
72. Schmeler, M.R. (2007, August). Functional Outcomes Measures for Wheelchair Users. Presentation at the 3rd Annual Conference of the Therapy Leadership Council in Spinal Cord Injury as part of the North American Spinal Cord Injury Conference & Disability Expo, Orlando, FL.
73. Schmeler, M.R. (2007, August). The World of Your Therapist. Presentation at the MED Group National Rehab Network Conference, St. Louis, MO.
74. McCue, M., van Roosmalen, L., Schmeler, M.R., & Pramuka, M. (2007, June). Clinical Applications of Telerehabilitation. Workshop at the RESNA 2007 Annual Conference, Phoenix, AZ.
75. Dickerson, G., Schmeler, M.R., Minkel, J., Cohen, L., Crane, B., Hildebrandt, S., & Hostak, R. (2007, June). Policy and Funding for Mobility Assistive Equipment in the USA. One-Day Pre-Conference Instructional Course at the RESNA 2007 Annual Conference, Phoenix, AZ.
76. Schmeler, M.R. (2007, April). Doing It Right: Best-Pratice Revisited. Keynote

Presentation at the Apria Healthcare Corporation Annual Sales Meeting, St. Louis, MO.

77. Schmeler, M.R., Hughes, P., Chovan, C.D., & Blackburn, G. (2006, October). Advanced Seminar: Medicare Mobility Policy, Documentation for Coverage and Compliance. One-day workshop sponsored by the Pennsylvania Association of Medical Suppliers, Pittsburgh, PA.
78. Schmeler, M.R. (2006, September). Professional Development for the RTS – Value of Certification: Perspectives and Outlooks. Presentation at the MedTrade Conference, Atlanta, GA.
79. Schmeler, M.R. (2006, June). Documentation and Outcome of Wheeled Mobility and Seating: Model for Compliance Under New Coverage Policies. Presentation at the Van G. Miller & Associates, Inc. Annual Heartland Conference, Waterloo, IA.
80. Schmeler, M.R. (2006, May). Documenting the Need for Mobility Assistive Equipment: Requesting, Interpreting and Determining Compliance with Policy. Presentation at the Pennsylvania Association of Medical Suppliers Annual Conference, Harrisburg, PA.
81. Schmeler, M.R. (2006, April). Powered Mobility Policies, Practice, Outcomes, & Documentation. Presentation at the Apria Healthcare Corporation Annual Sales Meeting, St. Louis, MO.
82. Schmeler, M.R. (2006, March). New Policies & Documenting the Need for Powered Mobility Devices. Presentation at the American Association for Homecare, Continuum of Care Conference (pre-Conference at Medtrade Spring), Las Vegas, NV.
83. Schmeler, M.R. (2005, October). Outcome Measures of Functional Performance Using a Wheelchair. Presentation at the MedTrade Conference, Atlanta, GA.
84. Schmeler, M.R. (2005, October). Justifying Powered Mobility Using Best Practice and the New NCD. Presentation at the American Association for Homecare Continuum of Care Conference, Atlanta, GA.
85. Schmeler, M.R. (2005, October). Powered Mobility in the USA: From Assessment to Procurement to Outcome Measures. Presentation at the Future Service Conference sponsored by the Central Remedial Clinic, Dublin, Ireland.
86. Schmeler, M.R. (2005, June). Systematic Review of Wheelchair Functional Outcome Measures. Presentation at the Van G. Miller & Associates, Inc. Annual Heartland Conference, Waterloo, IA.
87. Schmeler, M.R. (2005, May). The State of Our Industry: Who We Are, Where We Are Going, & What We Need To Do. Keynote Lecture at the Apria Healthcare Corporation Annual Sales Meeting, St. Louis, MO.
88. Schmeler, M.R. (2005, April). Wheelchair Outcome Measures. Presentation at the MED Group Rehab Summit, Pittsburgh, PA.

89. Schmeler, M.R. (2005, April). The State of Evidence on the Use Power Seat Functions. Presentation at the MED Group Rehab Summit, Pittsburgh, PA.
90. Horton, J., Boninger, M.L., & **Schmeler, M.R.** (2004, October). Wheelchair and seating technologies: Evidence-based practice and funding issues. Workshop Presentation at the American Academy of Physical Medicine and Rehabilitation 65th Annual Conference, Phoenix, AZ.
91. Schmeler, M.R. (2004, September). Powered mobility in children: Review of the current state of evidence-based practice. Presentation at the National Association of Paediatric Occupational Therapists 15th Annual Conference, Belfast, Northern Ireland.
92. Schmeler, M.R. (2004, September). Vertical mobility: An overlooked necessity. Presentation at the National Association of Paediatric Occupational Therapists 15th Annual Conference, Belfast, Northern Ireland.
93. Schmeler, M.R., Cohen, L., Chovan, C. & Arva, J. (2004, June). Review of Proposed Position Papers on Wheelchair Seating & Mobility Interventions. RESNA 2004 Conference Workshop, Orlando, FL.
94. Schmeler, M.R. (2004, June). Evidence Based Practice, Outcomes Measures, & Policy Interpretations in the Provision of Wheelchair Seating and Mobility Interventions. Half-day workshop at the Van G. Miller & Associates, Inc. Annual Heartland Conference, Waterloo, IA.
95. Schmeler, M.R. (2004, May). Overview of Wheelchair Seating & Mobility: Including Policy & Funding Issues. Presentation at the Pennsylvania Occupational Therapy Association District II meeting, Pittsburgh, PA.
96. Mills, T., Desai, K., **Schmeler, M.R.**, & Holm, M.B. (2003, October). Wheelchair Seating & Mobility Interventions: An Evidence Based Practice Perspective. Education Session at 26th Annual Pennsylvania Occupational Therapy Association Conference, Pittsburgh, PA.
97. Hunt, P.C., Seelman, K.D., Murray, N., Condeluci, A., Richman, E.B., Justesen, T.R., Stemmler, D.J., Liebman, P.A., O'Hanlon, P., **Schmeler, M.R.**, Ferlo, J., Udin, S., Delaney, D., & McManus, D.P. (2003, May). Key Disability Policy Issues: Accessibility, Attitudes, and Assistive Technology. Half-Day Briefing sponsored by University of Pittsburgh Institute on Politics, Health Policy Institute, School of Health & Rehabilitation Sciences, UCLID, & the Disability Initiative Steering Committee, Pittsburgh, PA.
98. Schmeler, M.R. (2002, November). Clinical Reasoning and Evidence Based Practice in Wheelchair Seating & Mobility. Keynote at Miller's Assistive Technology Annual Education Seminar, Cleveland, OH.
99. Schmeler, M.R. (2002, October). Update on Research & Evidence Based Practice in Wheelchair Seating & Mobility. Presentation at MedTrade 2002, Rehab Training Center - Sponsored by Quantum Rehab, Atlanta, GA.
100. Schmeler, M.R. (2000, October). Rehabilitation Science & Assistive Technology. Presentation to the Asa Gray Biological Society, Utica College of

Syracuse University, Utica, NY.

101. Eubank, A., Dickerson, G., **Schmeler, M.R.**, & Toskos, E.V. (2000, June). The Service Delivery Process – Our Changing Roles, Responsibilities and Expectations in the New Millennium. Concurrent Session at the RESNA 2000 Annual Conference. Orlando, FL.
102. Dickerson, G., **Schmeler, M.R.**, Eubank, A. & Toskos, E.V. (2000, February). Funding Dilemma: Individuals with Dual Eligibility (Medicare, Medicaid, and/or Managed Care). Presentation at the 16th International Seating Symposium, Vancouver, Canada.
103. Schmeler, M.R., (1999, September). Improving Mobility of Persons with Disabilities at Home and Work. Presentation at the Pennsylvania Association of Rehabilitation Facilities Annual Conference, State College, PA.
104. Schmeler, M.R., Dickerson, G., & Eubank, A. (1999, June). Resource Partnerships: ATPs, ATSS, and Manufacturers Working Together. Concurrent Session presentation at the RESNA '99 Annual Conference, Long Beach, CA.
105. Schmeler, M.R. (1999, May). Strategies for Documenting the Need for Assistive Technology. Invited presentation at the New Jersey Technology Assistive Resource Program & New Jersey Coalition for the Advancement of Rehabilitation Technology Conference, Princeton, NJ.
106. Schmeler, M.R., Shapcott, N.G., & Malagodi, M. (1999, April). Telerehabilitation in the Provision of Assistive Technology and Rehabilitation Services. Invited as the Technology SIS Annual Program at the AOTA 1999 Annual Conference and Exposition, Indianapolis, IN.
107. Shapcott, N.G., **Schmeler, M.R.**, Malagodi, M., Bates, J., Dugan, J. Pelleschi, T., Sanna, J. Jinks, A., Whitmyer, J., & Winters, J. (1999, March). TeleRehabilitation: Assistive Technology Service Delivery in Rural Areas. Presentation at the 15th International Seating Symposium, Orlando, FL.
108. Schmeler, M.R. & Eubank, A. (1999, March). Seating Evaluation Techniques and Tools: Pressure Mapping and Seating Simulators. Presentation at the 15th International Seating Symposium, Orlando, FL.
109. Schmeler, M.R., Chovan, C.D., & Trefler, E. (1998, September). Positioning: The Use of Evaluation Tools. Workshop presentation at the Canadian Seating & Mobility Conference, Toronto, Canada.
110. Schmeler, M.R. & Chovan, C.D. (1998, June). Documenting the Need for Assistive Technology: Procedures and Strategies. Concurrent Session presentation at the RESNA '98 Annual Conference, Minneapolis, MN.
111. Malagodi, M., Garand, S., Shapcott, N., **Schmeler, M.**, and Pelleschi, T. (1998, June). Application of Telemedicine for Rural Assistive Technology Service Delivery. Concurrent Session presentation at the RESNA '98 Annual Conference, Minneapolis, MN.

112. Schmeler, M.R. & Shapcott, N.G. (1998, February). Telemedicine. Plenary Session Presentation at the 14th International Seating Symposium, Vancouver, British Columbia, Canada.
113. Schmeler, M.R., Trefler, E., & Chovan, C. (1997, October). Positioning: The Use of Evaluation Tools. Presentation at the Pennsylvania Occupational Therapy Association 20th Annual Conference, Pittsburgh, PA.
114. Schmeler, M.R., Shapcott, N., Dugan, J., Petersen, B., Pelleschi, T., Sanna, J., & Lego, F. (1997, June). Strategies for Providing Model Assistive Technology Services within Vocational Rehabilitation. Presentation at RESNA '97 Annual Conference, . Pittsburgh, PA.
- 115.** Schmeler, M.R. & Boninger, M.L. (1997, May). Appropriate Setup and Prescription of Wheelchairs. Presentation at the Shoulder Pain in Wheelchair Users: Prevention, Assessment, & Treatment Conference, Pittsburgh, PA.
116. Schmeler, M.R., Angelo, J.A., Doster, S., Larson, B., Ellexson, M., & Armstrong, F. (1997, April). Assistive Technology as a Reasonable Accommodation. Presentation at the AOTA 77th Annual Conference, Orlando, FL.
117. Schmeler, M.R. (1996, June). Positions for Function: Seating and workstations in the classroom. Presentation at RESNA '96 Annual Conference, Salt Lake City, UT.
118. Schmeler, M.R. & Dickerson, G. (1995, October). Powered mobility: Alternative and integrated controls. Presentation at the NYSOTA Annual Conference '95, Fishkill, NY.
119. Schmeler, M.R. (1995, September). Reasonable accommodations: Providing assistive technology assessments and interventions in the workplace. Presentation to the Westchester Consortium of Vocational Counselors, White Plains, NY.
120. Schmeler, M.R. & Derrickson, J. (1995, July). Positions for function: Seating & workstation designs in the classroom. Presentation at ConnSENSE '95, Cromwell, CT.
- 121.** Schmeler, M.R. & Derrickson, J. (1995, June). Issues and strategies for providing assistive technology team assessments for school-aged children. Presentation at the RESNA '95 Annual Conference, Vancouver, Canada.
122. Schmeler, M.R. & Dickerson, G. (1995, April). Powered mobility: Alternative and integrated controls. Presentation at the AOTA 75th Annual Conference, Denver, CO.
123. Schmeler, M.R., Derrickson, J. & Garber, S. (1994, June). Innovative teaching methodologies in interdisciplinary pre-service assistive technology education. Presentation at the RESNA '94 Annual Conference, Nashville, TN.
124. Schmeler, M.R. (1993, February). The applications of assistive technology. Presentation at the annual NYS OMRDD Senior Day Program Service Providers Conference on Creating Choices for Seniors, Albany, NY.

125. Schmeler, M.R. & Bengali, M. (1992, June). The interdisciplinary focus on assistive technology research and development. Presentation at the annual conference on New Horizons in Rehabilitation Equipment and Technology sponsored by Rome DDSO, Utica, NY.

Workshops and Other Presentations:

1. Schmeler, M.R. (2012, October). The Right Wheelchair with Evidence, Outcomes, & Best-Practice. Full-Day Workshop at Blackbear Medical Seminar, Portland, ME.
2. Schmeler, M.R. (2010, April). Integrating Outcomes into the Clinical Routine. Presentation at the National Seating & Mobility Annual Sales Meeting. Nashville, TN.
3. Schmeler, M.R. & Piriano, J.(2010, April). Outcome Measures and the Clinical Routine. National Registry of Rehabilitation Technology Suppliers Teleseminar.
4. Schmeler, M.R. (2009, April). Getting the Most Out of Your Therapists. Presentation at the National Seating & Mobility Annual Sales Meeting. Nashville, TN.
5. Schmeler, M.R. (2009, February). Getting the Most Out of Your Therapists. Presentation at the United Seating & Mobility Annual Sales Meeting. Tucson, AZ.
6. Schmeler, M.R. (2008, October). Wheelchair Seating 2008 for Adults & Pediatrics; Best-Practice for New Mobility Policy. One-Day Workshop sponsored by Blackbear Medical, Portland, ME.
7. Schmeler, M.R. (2008, April). RESNA Exam Q&A. Presentation at the Permobil Power Surge Conference, Nashville, TN.
8. Schmeler, M.R. (2008, April). Controlling Our Destiny: Where is the Rehabilitation Technology Profession Headed? Presentation at the Permobil Power Surge Conference, Nashville, TN.
9. Schmeler, M.R. & Betz, K.L. (2007, April-October). Assistive Technology Review Course. One-Day Course to prepare for the RESNA ATP and ATS Certification Exams, Las Vegas, NV, New York City, NY, Seattle, WA, Carlsbad, CA, & Minneapolis, MN.
10. Schmeler, M.R. (2007, October). Seating, Mobility, Outcomes, and Evidence. Workshops Sponsored by Permobil, Inc. Europe, Birmingham, UK and Amsterdam, NL.
11. Schmeler, M.R. & Betz, K.L. (2007, July). Assistive Technology Review Course. One-Day Course to prepare for the RESNA ATP and ATS Certification Exams, Pittsburgh, PA (and over the internet using Mediasite Live).
12. Betz, K.L. & **Schmeler, M.R.** (2007, July). Provision & Justification of Optimally Configured Manual Wheelchairs: Application of Published Clinical Practice

Guidelines. Web-Based Continuing Education Seminar using Mediasite Live from the University of Pittsburgh, Pittsburgh, PA.

13. Schmeler, M.R. (2007, June). Assistive Technology Review Course. One-Day Course to prepare for the RESNA ATP and ATS Certification Exams, Durham, NC.
14. Schmeler, M.R. & Hill, K. (2007, June). Assistive Technology Review Course. One-Day Course to prepare for the RESNA ATP and ATS Certification Exams, Johnstown, PA.
15. Schmeler, M.R. & Lange, M. (2007, June). Assistive Technology Review Course. One-Day Course to prepare for the RESNA ATP and ATS Certification Exams, Alexandria, LA.
16. Arva, J. & **Schmeler, M.R.** (2007, May). Advocating for Advanced Seating Solutions--Focus on Wheelchair Standers and Seat Elevators. Web-Based Continuing Education Seminar using Mediasite Live from the University of Pittsburgh, Pittsburgh, PA.
17. Schmeler, M.R. (2007, May). Therapy Billing for Mobility Assistive Equipment Assessments & Services. Web-Based Continuing Education Seminar using Mediasite Live from the University of Pittsburgh, Pittsburgh, PA.
18. Betz, K.L. & **Schmeler, M.R.** (2007, May). Ultralight/Sports Manual Wheelchairs: Best Clinical Practice for Optimal Client Outcomes. One-Day Pre-conference Workshop at European Seating Symposium, Dublin, Ireland.
19. Schmeler, M.R., Dickerson, G., Minkel, J., Golinker, L., Jernigan, D., Hostak, R., & Hildebrant, S. (2007, March). Policy and Funding for Mobility Assistive Equipment in the USA. One-Day Pre-conference Workshop at the 23rd International Seating Symposium, Orlando, FL.
20. Schmeler, M.R. & Lange, M. (2007, February). Assistive Technology Review Course. One-Day Course to prepare for the RESNA ATP and ATS Certification Exams, Denver, CO.
21. Schmeler, M.R. (2007, February). Navigating the New Medicare Coverage Determinations for Powered Mobility Devices: Implications for Clinical Practice, Documentation, & Suppliers. Web-Based Continuing Education Seminar using Mediasite Live from the University of Pittsburgh, Pittsburgh, PA.
22. Schmeler, M.R. (2006, March to November). Evaluation, Provision, & Funding Rehab Equipment in the New Age of Coverage Policies. Permobil 2006 Education Series, Lansing, MI, Boston, MA, Baltimore, MD, Las Vegas, NV, Orlando, FL, Newark, NJ.
23. Schmeler, M.R. & Mills, T. (2006, June). Application of the Functioning Everyday with a Wheelchair Outcome Measurement. One-Day Preconference Workshop at the RESNA 2006 Annual Conference. Atlanta, GA.
24. Schmeler, M.R. & Chovan, C.D. (2006, May). Occupation Based Wheelchair

Seating Mobility. Two-day workshop co-sponsored by the American Occupational Therapy Association and the University of Pittsburgh. Pittsburgh, PA.

25. Schmeler, M.R. & Chovan, C.D. (2006, April). Introduction to the Provision of Wheelchair Seating & Mobility Interventions. Full-Day Preconference Workshop at the 86th Annual American Occupational Therapy Association Conference. Charlotte, NC.
26. Schmeler, M.R. (2006, March to November). Evaluation, Provision, & Funding Rehab Equipment in the New Age of Coverage Policies. Permobil 2006 Education Series. Lansing, MI, Boston, MA, Baltimore, MD, Columbia, SC, Las Vegas, NV, Orlando, FL, Newark, NJ.
27. Schmeler, M.R. (2005, August). Seating & Positioning Continuing Education Seminars. One-day workshops sponsored by Quantum Rehab/Pride Mobility. Toledo, OH & Pittsburgh, PA.
28. Schmeler, M.R. (2005, April to November). Shifting Paradigms in Rehabilitation Technology. Permobil 2005 Advanced Education Series. Chicago, IL, Seattle, WA, Raleigh-Durham, NC, Rochester, NY, Dallas, TX, & Cincinnati, OH.
29. Schmeler, M.R. (2004, June). Assistive Technology Review Course. Full-day workshop at the Van G. Miller & Associates, Inc. Annual Heartland Conference. Waterloo, IA.
30. Schmeler, M.R. (2004, April). Wheelchair seating & mobility: Practice based on evidence. Full-day workshop at Chair & Equipment Sales & Service, Inc. Annual Expo, Charlotte, NC.
31. Schmeler, M.R. (2004, April). Evidence Based Practice, Outcomes Measures, & Policy Interpretations in the Provision of Wheelchair Seating and Mobility Interventions (morning session) and, Clinical Decision Making and the Justification of Wheelchair Seating & Mobility Interventions Based on Evidence: Case Series (afternoon session). Full-day workshop at Connecticut Rehab Annual Expo, Cromwell, CT.
32. Schmeler, M.R. (2004, February to November). Shifting Paradigms in Rehabilitation Technology. Permobil 2004 Advanced Education Series. Austin, TX, Cleveland, OH, St. Louis, MO, San Francisco, CA, Orlando, FL, Denver, CO.
33. Schmeler, M.R. & Arva, J. (2003, June). Wheelchair Seating and Mobility: Rethinking Function & Practice Based on Evidence. Full-Day Pre-Conference workshop at the American Occupational Therapy Association Annual Conference, Washington, DC.
34. Schmeler, M.R. (2003, May). Applying Evidence Based Practice in Wheelchair Seating & Mobility. Half-Day Presentation at the Van G. Miller & Associates Annual Heartland Conference, Waterloo, IA.
35. Schmeler, M.R. & Arva, J. (2003, May). Wheelchair Seating & Mobility Seminar. Full-Day Workshop at the Pennsylvania Association of Medical Equipment Suppliers– Sponsored by Permobil, Inc., Harrisburg, PA.

36. Schmeler, M.R. with translation by Allegretti, A.L. (2003, March-April). Postural para usuários de cadeira de rodas Adequação (Seating for person with disability). Four-Day Workshop sponsored by Associação de Assistência à criança deficiente (AACD), São Paulo, Brasil.
37. Toskos, E.V., **Schmeler, M.R.**, Cooper, R.A., Jernigan, D., Dickerson, G., & Levy, B. (2003, February). Funding Dilema: The Buck Stops Here. Full-Day Pre-Conference Workshop at the 19th International Seating Symposium, Orlando, FL.
38. Cooper, R.A., Boninger, M.L., **Schmeler, M.R.**, Koontz, A., & Cooper, R. (2003, February). Applying Research to Daily Practice: An Update on Manual Wheelchair Selection, Configuration, and Training (ARDP). Full-Day Pre-Conference Workshop at the 19th International Seating Symposium, Orlando, FL.
39. Schmeler, M.R. (2002, February-October). Otto Bock Health Care: Seating and Positioning Advanced Education Series on Custom Seating One day workshops, San Francisco, Houston, Cincinnati, Norfolk, VA, Philadelphia, Seattle, Columbia, MO, Milwaukee, Rochester, NY.
40. Schmeler, M.R. (2001, May-September). Otto Bock Health Group: Seating and Positioning Advanced Education Series. One day workshops, Denver, Anaheim, Buffalo, New Orleans.
41. Schmeler, M.R., Cooper, R.A., Eubank, A., Dickerson, G., Levy, B., Szmalski, M., Toskos, E.V., Saunders, J. (2001, February). Funding Wheelchair Seating & Mobility Technology & Services. Full-Day Pre-Conference Workshop at the 17th International Seating Symposium, Orlando, FL.
42. Schmeler, M.R. (2000, March-August). Otto Bock Rehab: Seating and Positioning Advanced Education Series. One day workshops, Minneapolis, Richmond, Anaheim, Boston, New York.
43. Schmeler, M.R. (2000, July). Supracor, Inc. Principles of Wheeled Mobility and Seating Workshop. Philadelphia, PA.
44. Schmeler, M.R. (2000). April). Chair & Equipment Rentals and Sales, Inc. Medical Equipment Expo 2000. Full-Day Wheelchair Seating & Positioning Seminar. Charlotte, NC.
45. Schmeler, M.R. (1999, September & October). Otto Bock Rehab: Seating and Positioning Advanced Education Series. One day workshops, Detroit, MI, & San Francisco, CA.
46. Schmeler, M.R., Taylor, S.J., & Chovan, C.D. (1999, April). Fundamentals of Wheelchair Seating and Mobility for the Adult: Functional Considerations. Full Day Institute at the AOTA 1999 Annual Conference and Exposition, Indianapolis, IN.
47. Schmeler, M.R. & Joseph, R.D. (1997, November). Wheelchair Seating & Mobility Workshop. Presentation at the 2nd Annual American Occupational Therapy Association Practice Conference, Phoenix, AZ.

48. Schmeler, M.R. (1997, August). Course Director: Seating for Independence. Presentation by Bengt Engstrom of Stockholm, Sweden. Pittsburgh, PA.
49. Schmeler, M.R. (1997, May). Wheelchair seating and mobility in long-term care facilities. Workshop presentation to Vencor Inc. therapists and rehabilitation managers, Clarkston, WA & Nampa, ID.
50. Schmeler, M.R. et al. (1997, March). Rehabilitation Technology Supplier Modular Training Course. University of Pittsburgh, Pittsburgh, PA.
51. Schmeler, M.R. et al. (1997, January). Introduction to wheelchair seating and mobility. Pre-conference workshop, Thirteenth International Seating Symposium, Pittsburgh, PA.
52. Schmeler, M.R., Brienza, D., & Shapcott, N. (1996, November). Wheelchair seating; Seat cushion selection. Workshop presentation at RESNA Mid-Atlantic Regional Conference, Philadelphia, PA.
53. Schmeler, M.R. (1996, October). Wheelchair seating and mobility. Workshop presentation to Beverly Health Systems rehabilitation managers, Spokane, WA.
54. Schmeler, M.R., Shapcott, N., Pelleschi, T., & Dugan, J. (1996, August). Assistive technology service delivery. Presentation to Mt. Aloysius College OT/PT faculty, Cresson, PA.
55. Schmeler, M.R. & Derrickson, J. (1994, May). Assistive technology and environmental modifications for older adults with developmental disabilities. Workshop presentation to service and care providers from multiple agencies in the downstate New York region, Valhalla, NY.
56. Schmeler, M.R. Nochajski, S. & Hurren, D. (1993, March). Assistive technology and environmental interventions for older persons. Two day workshop presentation to the Iowa Project on Assistive Technology, Des Moines, IA.
57. Schmeler, M.R. & Davies, W. (1993, January). Specialized wheelchair seating. Workshop presentation to physiotherapy students at Ely Hospital, Cardiff, Wales.
58. Schmeler, M.R. & Folan, P. (1990, December). New perspectives in the treatment of amputee patients: Acute care through rehabilitation. Presentation to health professionals involved in the treatment of individuals with amputations, Portsmouth, NH.

LIST of CURRENT RESEARCH INTERESTS:

- Assistive Technology
- Wheelchair Seating & Mobility
- Health Policy & Management
- Outcome Measures / Large Data
- Telerehabilitation / Telehealth
- Service Delivery / Standards of Practice
- Continuing Education

- Online Education
- Product development & Testing

SERVICE:

Service to the School of Health and Rehabilitation Sciences:

1998-present RST Representative to the Committee for Professional Entry Level Education
2005 RST Representative to the SHRS Recruitment Committee

Service to the Department of Rehabilitation Science and Technology:

2013 to present RST Doctoral Application Review Committee
1999 to present RST Curriculum Committee
1998 to 2005 Coordinated review of RST paper competition.

Editorial Boards and Editorships:

2004-2009 Associate Editor: *Assistive Technology Journal*.
1995-1998 Editor: *AOTA Technology Special Interest Section Quarterly*

Manuscript and Other Document/Publication Review:

2007-present Disability & Rehabilitation: Assistive Technology, Reviewer
2006-present European Seating Symposium, Abstract Proposal Reviewer
2005-present Journal of Rehabilitation Research and Development, Reviewer
2006 Archives of Physical Medicine and Rehabilitation, Reviewer
2005 International Journal of Multiple Sclerosis Care, Reviewer
2003-present Assistive Technology Journal, Reviewer
2000 & 2001 RESNA SIG-09 Review Coordinator for papers, special sessions and instructional courses.
1998-present International Seating Symposium Reviewer of conference session abstract proposals and workshops.

Leadership in Professional Organizations and Honary Societies:

Rehabilitation & Assistive Technology Society of North America (RESNA)

2010-2013 **Board of Directors.**
2006-2008 **Chair:** Wheeled Mobility & Seating Special Interest Group (SIG-09).
2006-2007 **Chair:** Ad Hoc Committee for the development of a portfolio-based specialty credential for Seating and Mobility.
2004-2008 **Co-Coordinator:** SIG-09 Position Papers on wheeled mobility and seating interventions.
1999-2002 **Vice-Chair:** Wheeled Mobility & Seating Special Interest Group (SIG-09)

American Occupational Therapy Association, Inc. (AOTA)

2004-2005 **Member:** Ad Hoc Committee to develop AOTA Position Paper on Telerehabilitation
1995-1998 **Member:** Technology Special Interest Section Standing Committee.

1997 **AOTA Representative:** Health Industries Manufacturers Association (HIMA) Seating & Positioning Coding and Coverage Proposal to the Health Care Finance Administration.

Clinician Task Force (CTF)

2004-2012 **Founding Member:** A coalition of national expert clinicians to modernize Medicare coverage for mobility devices by providing written comments and testifying to CMS related to National Coverage Determinations and other proposed policies.

American Association for Homecare, Rehabilitation and Assistive Technology Council

2002-2003 **Voluntary Consultant:** Development of new proposed CMS coding system for powered mobility devices.

Medtrade

2008-2015 **Board Member:** Education Advisory Board for planning of Medtrade and Medtrade Spring Expositions.

Service to Community-Based Organizations:

2015-present **Board of Directors** – Three Rivers Adaptive Sports (TRAS)
2015-present **Board of Directors** – United Spinal Association of Western Pennsylvania
2013-2014 **City of Pittsburgh Mayor-Elect William Peduto’s Transition Committee;** Sub-Committee on Mobility
Volunteer: Represented needs of persons with disabilities in transition report.

2007-present **National Veterans Winter Sports Clinic (NVWSC)**
Volunteer: Sports Plus Tesm – Adapt sports and recreation equipment specific to individual disability needs for a week annually in March/April, Snowmass, CO.

2009-2011 **National Veterans Summer Sports Clinic (NVSSC)**
Volunteer: Sports Plus Tesm – Adapt sports and recreation equipment specific to individual disability needs for a week annually in September, San Diego, CA.

1999-2003 **Variety Club of Pittsburgh. Kids On The Go Program.**
Reviewed requests for mobility devices, home modifications, and vehicle modifications for appropriateness to ensure good stewardship of charitable funds.

Service to Government Agencies:

2016 National Academy of Science, Engineering, & Medicine (NAS)
Testified to the Committee on the Use of Selected Assistive Products and Technologies in Eliminating or Reducing the Effects of Impairments.

2006 Center for Medicare and Medicaid Services (CMS)
Member: Technical Expert Panel on Coding and Testing of Wheelchairs and Other Powered Mobility Devices.

2004-2005 Maryland State Board of Occupational Therapy Practice

1998-2002 State's Expert Witness: Charges of an Occupational Therapist involved in an act of gross negligence related to the provision of wheeled mobility and seating interventions.
City of Pittsburgh, Urban Redevelopment Authority, Home Accessibility Program for Independence.
Member: Application review committee to determine appropriateness of home accessibility interventions requested to meet the needs of applicants with disabilities.

Clinical Service:

1996-present Occupational Therapist/Assistive Technology Practitioner
University of Pittsburgh Medical Center
Center for Assistive Technology
Direct out-patient care in the provision of assistive technology services
20-60% effort since 1996

1993-1995 Occupational Therapist
Assistive Technology Program
Westchester Institute for Human Development
Westchester County Medical Center/New York Medical College
Direct out-patient care in the provision of assistive technology services
60% effort

1991-1993 Occupational Therapist
Center for Assistive Technology
State University of New York at Buffalo
Direct out-patient care in the provision of assistive technology services
20% effort

1989-1991 Occupational Therapist
New England Rehabilitation Hospital, Portland, ME
Direct in and out-patient physical rehabilitation care
100% effort