# Leanna W. Katz, OT, OTD, OTR

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### **Education**

**Doctor of Occupational Therapy** | Boston University | Boston, MA (2016)

Thesis: E.D.U.C.A.T.E: A toolbox for practitioners in promoting health and wellness in long-term care facilities

Master of Science, Occupational Therapy | Boston University | Boston, MA (2015)

**Bachelor of Science, Brain, Behavior, & Cognitive Science** | University of Michigan | Ann Arbor, MI (2010)

#### Credentials

- Registered Occupational Therapist, National Board for Certification in Occupational Therapy (2015 present)
- Licensed Occupational Therapist, Commonwealth of Massachusetts (2015 present)

### **Academic Professional Experience**

## **Boston University** | Boston, MA

Clinical Assistant Professor & Academic Fieldwork Coordinator (July 2024 – present)

Educate and mentor entry-level (OTD) students while facilitating a positive learning environment that promotes clinical reasoning and supports future leaders of the profession. Create, implement, and oversee Accreditation Council for Occupational Therapy Education (ACOTE) C Standards. Further responsibilities include participation in program development, capstone support and academic mentorship, student advising, and prospective student application reviews.

- Formal Teaching:
  - o OT 502: Integrative Seminar III, Instructor (Fall 2024)
  - o OT 589: Orientation to Practice, Instructor (Fall 2024)
- Advising:
  - o Faculty Advisor, Sargent College Occupational Therapy Association (2022-present)
  - o Academic Mentor, Doctoral Capstone (2022-present)
- Committee Participation:
  - o Faculty Action Plan, Department of Occupational Therapy (2022-present)
  - o Petitions Committee, Department of Occupational Therapy (2024-present)

# **Boston University** | Boston, MA

Lecturer (January 2022 – June 2024)

Educate and mentor entry-level (OTD) students while facilitating a positive learning environment that promotes clinical reasoning and supports future leaders of the profession. Further responsibilities include participation in program development, capstone support and academic mentorship, student advising, and prospective student application reviews.

- Formal Teaching:
  - o OT 501: Integrative Seminar II, Instructor (Spring 2022)
  - o OT 538: Assistive Technology, Application Instructor (Spring 2022)
  - o OT 565: Skills for Occupation Based Practice II, Co-instructor (Spring 2022, Spring 2024)
  - o *OT 942: Health and Wellness Promotion (Summer 2022)*
  - o OT 502: Integrative Seminar III, Co-instructor (Fall 2022, Fall 2023)
  - o *OT 563: Context and Occupational Performance, Instructor (Fall 2022)*
  - o OT 564: Skills for Occupation Based Practice I, Application Instructor (Fall 2022, Fall 2023)
- Advising:
  - o Faculty Advisor, Sargent College Occupational Therapy Association (2022-present)
  - o Academic Mentor, Doctoral Capstone (2022-present)
- Committee Participation:
  - o Faculty Action Plan (2022-present)

### **Boston University** | Boston, MA

Adjunct Faculty Member (September 2019 – December 2021)

Educate and mentor entry-level (OTD) students while facilitating a positive learning environment that promotes clinical reasoning and supports future leaders of the profession. Further responsibilities include participation in program development and prospective student application reviews.

- Formal Teaching:
  - o OT 526: Functional Movement: Analysis and Assessment, Co-instructor (Fall 2019, Fall 2020, Fall 2021)
  - o OT 564: Skills for Occupation Based Practice I, Co-instructor (Fall 2020), Application Instructor (Fall 2021)
  - o OT 565: Skills for Occupation Based Practice II, Co-instructor (Spring 2020, Spring 2021)
  - o *OT 563: Context and Occupational Performance, Instructor (Fall 2021)*

## **Clinical Professional Experience**

# Shriners Children's Hospital – Boston | Boston, MA

Occupational Therapist, Per Diem (September 2019 – present)

Provide specialized evaluation and treatment for burn survivors using a recovery model of care. Skills include splinting, manual therapy and facilitation, and positioning within context of healing and daily routine to promote participation in developmentally appropriate occupations.

# Leanna W. Katz, OT, OTD, OTR – Private Homecare Services | Boston, MA

Occupational Therapist, Per Diem (March 2019 – present)

Provide specialized, client-centered skilled interventions for individuals of different ages with neurological conditions within the home setting.

- Provide individualized rehabilitative services in the home setting to promote optimal health and well-being
- Discharge planning for individuals and consultation with families

## **Spaulding Rehabilitation Hospital** | Boston, MA

Occupational Therapist, Per Diem (March 2015 – September 2015; December 2018 – present)

Evaluate and provide skilled intervention for individuals of different ages with various diagnoses and conditions including spinal cord injuries, neurological disorders, stroke, burn, and orthopedic injuries in an inpatient rehabilitation facility.

- Provide evidence-based and occupation-based interventions
- Discharge planning for individuals and consultation with families

# ILI Therapy Staffing Inc. Homecare Agency | Boston, MA

Occupational Therapist, Per Diem (August 2019 – April 2021)

Evaluate and provide skilled intervention for individuals of different ages with cardiac, orthopedic, neurological, and poly-traumatic diagnoses within the homecare setting.

- Provide evidence-based and occupation-based home-health evaluations and interventions
- Discharge planning for individuals and consultation with families

### Massachusetts General Hospital | Boston, MA

Occupational Therapist, Clinician (December 2018 – July 2019)

Evaluate and provide skilled intervention and client-centered care, with aim to improve the health and well-being of the diverse communities served utilizing best practice standards.

• Provide occupation-based interventions to individuals with cardiac, orthopedic, neurological, and poly-traumatic diagnoses in an acute care setting that are client-centered and evidence-based

- Collaborate with medical team for discharge planning and continuum of care
- Member, Program Improvement Task Force: Understanding the unique role of OT with potential Left Ventricular Assistive Device (LVAD) candidates

## **Spaulding Rehabilitation Hospital** | Boston, MA

Occupational Therapist, Advanced Clinician (September 2015 – December 2018)

Evaluate and provide skilled intervention for individuals of different ages (18+) with a range of neurological conditions and dual-diagnoses.

- Provide occupation-based interventions that are client-centered and evidence-based
- Discharge planning for individuals and consultation with family members/caregivers
- Co-facilitator and co-creator of Brain Injury Caregiver Support Group
- In-service professional presentations:
  - **Katz, L. W.** & Speroni, B. E. (2016, April). Rapael Smart Glove Virtual Reality
  - **Katz, L. W.** (2018, February). Sleep outcomes following sleep-hygiene-related interventions for individuals with TBI: A systematic review
- Supervise Level I and Level II students
- Mentor new clinicians
- Coordinate responsibilities and supervise Northeastern University co-op students
- Member, SRH Green Team Committee (Collaborative Learning Improvement Project Team Co-Leader, Spring 2018)
- Member, SRH Skin and Wound Assessment Team (SWAT) Team
- Group Leader and Facilitator: Living Skills Group, Cooking Group, Upper Extremity Group, Adaptive Cycling Group

## **Publications**

- Canter, B. E., Loitz, Z. M., Richardson, V. E., Pontes, T. B., Katz, L. W., Berner, K., & Almeida, P. H. T. Q. (2024). A pilot sexual device adaptation project for occupational therapy students: A skills-based approach to teaching sexual activity as an ADL through assistive technology. Journal of Occupational Therapy Education, 8, 1-24.
- MacDonald, K., Katz, L. W., & Herman, S. (2023). Vestibular rehabilitation: Diagnosis, evaluation, and treatment. In Kozin, E. D. (Ed.), Otolaryngologic Trauma: Otologic and Lateral Skull Base Trauma. Philadelphia, PA: Elsevier Incorporated.
- Fleming, T. K., Schwartz, J. K., Belagaje, S. R., Katz, L. W., & Strow, J. T. (2023). Medication management after stroke. Archives of Physical Medicine and Rehabilitation, 1-6. doi: https://doi.org/10.1016/j.apmr.2023.03.029
- Van Stan, J. H., Holmes, J., Wengerd, L., Juckett, L. A., Whyte, J., Pinto, S. M., Katz, L. W., & Wolfberg, J. (2022). Rehabilitation treatment specification system: Identifying barriers, facilitators, and strategies for implementation in research, education, and clinical care. American Journal of Physical Medicine and Rehabilitation, 104(4), p. 562-568.

- Whyte, J., Dijkers, M., Fasoli, S. E., Ferraro, M., Katz, L. W., Norton, S., Parent, E., Pinto, S. M., Sisto, S. A., Van Stan, J. H., & Wengerd, L. (2021). Recommendations for reporting on rehabilitation interventions. American Journal of Physical Medicine and Rehabilitation, 100(1), p. 5-16.. doi: 10.1097/PHM.000000000001581.
- Crabtree, J. L. & Katz, L.W. (2017). Emerging areas of practice. In K. Jacobs & N. MacRae (Eds.), Occupational Therapy Essentials for Clinical Competence, 3<sup>rd</sup> edition, (pp. 557-568). Thorofare, NJ: SLACK Incorporated.
- Sinha, S., Kozin, E. D., Naunheim, M. R., Barber, S. R., Wong, K., Katz, L. W., Otero, T. M. N., Stefanov-Wagner, I. J. M., Remenschneider, A. K. (2016). Cycling exercise classes may be bad for your (hearing) health. Laryngoscope, 1-5. doi: 10.1002/lary.26331
- Sinha, S., Kozin, E. D., Naunheim, M. R., Barber, S. R., Wong, K., Katz, L. W., Stefanov-Wagner, I. J., Remenschneider, A. K. (2016). Real-time sound measurements of exercise classes with mobile app demonstrate excessive noise exposure. Journal of the Acoustic Society of America, 139, p. 2037.

### **Manuscripts in Preparation**

[In Preparation] Katz, L. W., Asiello, J., Fasoli, S. E., Gopaul, U., Hendricks, C. M., Levine, H., Packel, A., Sisto, S. A., Togher, L., & Zafron, M. (2024). Using the rehabilitation treatment specification system (RTSS) in practice: A scoping review.

#### **Presentations**

### International

- Fasoli, S. E., Lin, S. H., Ferraro, M., & Katz, L. W. (2022, August). Using the interprofessional rehabilitation treatment specification system (RTSS) to facilitate clinical reasoning. World Federation of Occupational Therapy, Paris, France. [Oral Presentation]
- Katz, L. W., Fasoli, S. E., Gibson, J., Sisto, S., Turkstra, L. (2022, July). Rehabilitation treatment specification system (RTSS) and clinical reasoning: Educational resources for academic and clinical settings. Presentation at the Rehabilitation Treatment Specification Networking Group of American Congress of Rehabilitation Medicine Community Group Webinar, virtual. [Oral Presentation – virtual]

### National

1. Kringle, E., Endres, C., **Katz, L. W.**, Singh, N., Trammell, M., & Park, E. (2024, November) Leveraging social determinants of health data to improve post-acute stroke outcomes: Implications for practice. Annual Conference of the American Congress of Rehabilitation Medicine, Dallas, TX. [Oral Presentation]

- Pinto, S. M., Katz, L. W., Zanca, J. M., & O'Brien, K. H. (2024, November). The rehabilitation treatment specification system (RTSS): A framework for multidisciplinary rehabilitation research, education, and clinical practice. Annual Conference of the American Congress of Rehabilitation Medicine, Dallas, TX. [Oral Presentation]
- Fasoli, S. E., Geddie, M., Katz, L. W., O'Brien, K. H., & Sisto, S. A. (2024, November). Use of the rehabilitation treatment specification system (RTSS) to support interprofessional education: Implementation strategies. Annual Conference of the American Congress of Rehabilitation Medicine, Dallas, TX. [Oral Presentation]
- Katz, L. W., Lessard, A. C., Stewart, K. E., Pontes, T., & Caccia, C. (2024, March). A safe space is a great place to learn: Developing clinical and professional reasoning skills through simulation and active debrief. American Occupational Therapy Association Annual Conference & Exposition, Orlando, FL. [Poster Presentation]
- Geddie, M., Fasoli, S. E., Lin, S. H., & Katz, L. W. (2024, March). A teaching tool to support critical thinking and clinical reasoning in the classroom. American Occupational Therapy Association Annual Conference & Exposition, Orlando, FL. [Poster Presentation]
- Fasoli, S. E., Lin, S., Katz, L. W., Geddie, M., Sisto, S., (2023, October). Integrating the rehabilitation treatment specification system (RTSS) with health professions education: *Implementation strategies*. Annual Conference of the American Congress of Rehabilitation Medicine, Atlanta, GA. [Oral Presentation]
- Pinto, S. M., Fasoli, S. E., Katz, L. W., & Lin, S., (2023, October). Introduction to the rehabilitation treatment specification system: Defining rehabilitation treatments systematically. American Congress of Rehabilitation Medicine Annual Conference, Atlanta, GA. [Oral Presentation]
- Lin, S., Fasoli, S. E., & Katz, L. W. (2023, April). What is occupational therapy's secret sauce? Promoting professional reasoning with the rehabilitation treatment specification system. American Occupational Therapy Association Annual Conference & Exposition, Kansas City, MO. [Poster Presentation]
- Loitz, Z., Canter, B., Almeida, P., Katz, L. W., Berner, K., & Barcelos Pontes, T. (2023, April). Let's adapt a sex toy: A skills-based approach to teaching sex as an ADL. American Occupational Therapy Association Annual Conference & Exposition, Kansas City, MO. [Poster Presentation]
- 10. Richardson T., Canter, B., Loitz, Z., Almeida, P., Katz, L. W., Berner, K., & Barcelos Pontes, T. (2023, April). Switched on: Adapting a vibrator as an assistive device. American Occupational Therapy Association Annual Conference & Exposition, Kansas City, MO. [Poster Presentation]

- 11. Lin, S., Fasoli, S. E., Pinto, S. M., & Katz, L. W. (2022, November). Introduction to the rehabilitation treatment specification system: Defining rehabilitation treatments systematically. American Congress of Rehabilitation Medicine Annual Conference, Chicago, IL. [Oral Presentation]
- 12. Fasoli, S. E., Lin, S., Katz, L. W., Geddie, M., Sisto, S., (2022, November). Implementing the rehabilitation treatment specification system (RTSS) in health professions education. Annual Conference of the American Congress of Rehabilitation Medicine, Chicago, IL. [Oral Presentation]
- 13. Fasoli, S. E., Lin, S. H., Katz, L. W., Sisto, S. A., Turkstra, L. A., & Geddie, M. (2021, September). Implementing the rehabilitation treatment specification system (RTSS) in health professions education. Presentation at Annual Conference of the American Congress of Rehabilitation Medicine, virtual. [Oral Presentation – virtual]
- 14. Akinwuntan, A., Burns, S., Katz, L. W., Fleming, T., Thomas, L. (2021, September). Parts I & II: Self-Management for adults with stroke. Presentation at Annual Conference of the American Congress of Rehabilitation Medicine, virtual. [Oral Presentation – virtual]
- 15. Lin, S., Fasoli, S. E., Pinto, S. M., & Katz, L. W. (2021, February). Introduction to the rehabilitation treatment specification system: Defining rehabilitation treatments systematically. Presentation at the Rehabilitation Treatment Specification Networking Group of American Congress of Rehabilitation Medicine Community Group Webinar, virtual. [Oral Presentation – virtual]
- 16. Kringle, E., Danzl, M., Belagaje, S., Katz, L. W., Spaulding, A., Burns, S., & Terrill, A. (2020, October). Get Moving! Facilitating Return to Physical Activity and Exercise After Stroke. Presentation at the American Congress of Rehabilitation Medicine Annual Conference, virtual. [Oral Presentation – virtual]
- 17. Lin, S., Fasoli, S. E., Pinto, S. M., & Katz, L. W. (2020, October). Introduction to the Rehabilitation Treatment Specification System: Defining Rehab Treatments Systematically. Presentation at the American Congress of Rehabilitation Medicine Annual Conference, virtual. [Oral Presentation – virtual]
- 18. Katz, L. W., Spaulding, A., & Hyatt, C. (2020, October). Music as an Effective Treatment for Challenging Cognitive and Motor Impairments: An Interprofessional Approach. Presentation at the American Congress of Rehabilitation Medicine Annual Conference, virtual. [Oral Presentation – virtual]
- 19. **Katz, L. W.** (2020, June). Health promoting behaviors that improve QOL for individuals post-stroke. Presentation at the Stroke Interdisciplinary Special Interest Group of the American Congress of Rehabilitation Medicine Virtual Happy Hour, virtual. [Oral Presentation – virtual]

- 20. Katz, L. W. & Mouldovan, T. (2020, April). "Seeing is believing:" Effectiveness of interventions for ADL retraining with a visual agnosia. Annual Conference of the American Occupational Therapy Association, Boston, MA. [Poster Presentation – Accepted; Cancelled - COVID-19 Pandemic]
- 21. Asiello, J., Jelenik, C., Rude, Abigail, Spanos, M., & Katz, L. W. (2020, April). OT role with left ventricular assistive device candidates. Annual Conference of the American Occupational Therapy Association, Boston, MA. [Oral Presentation – Accepted; Cancelled – COVID-19 Pandemic]
- 22. Katz, L. W., Spaulding, A., Hill, V., Terrill, A. L., Heyn, P. C., Belagaje, S., Carter, C. (2019, November). Practical application for promoting quality of life in communitydwelling people who have survived a stroke. Annual Conference of the American Congress of Rehabilitation Medicine, Chicago, IL. [Oral Presentation]
- 23. Hill, V., Akinwuntan, A., Burns, S., Heyn, P. C., Katz, L. W., Schwartz, J. K., Thomas, L. (2019, November). Part I: Self-Management for individuals with stroke: An introduction. Annual Conference of the American Congress of Rehabilitation Medicine, Chicago, IL. [Oral Presentation]
- 24. Hill, V., Akinwuntan, A., Burns, S., Heyn, P. C., Katz, L. W., Schwartz, J. K., Thomas, L. (2019, November). Part II: Self-Management for individuals with stroke: Practical application. Annual Conference of the American Congress of Rehabilitation Medicine, Chicago, IL. [Oral Presentation]
- 25. Katz, L. W., Spaulding, A., Silverberg, E., & Ross, M. (2018, October). An interdisciplinary support group for caregivers of individuals with traumatic and nontraumatic brain injuries. Presented at the Annual Conference of the American Congress of Rehabilitation Medicine, Dallas, TX. [Oral Presentation]
- 26. Katz, L. W., Spaulding, A., Silverberg, E., & Ross, M. (2018, April). Creating an interprofessional support group for caregivers of survivors of traumatic and non-traumatic brain injuries. Poster session presented at the Annual Convention of the American Occupational Therapy Association, Salt Lake City, UT. [Poster Presentation]
- 27. Katz, L. W., Spaulding, A., & Ross, M. (2018, April). Using evidence-based practice to ensure best care for patients with brain tumors in an acute rehabilitation setting. Poster session presented at the Annual Convention of the American Occupational Therapy Association, Salt Lake City, UT. [Poster Presentation]
- 28. Katz, L. W. (2017, March). Promoting health and wellness in older adults living in longterm care facilities. Poster session presented at the Annual Convention of the American Occupational Therapy Association, Philadelphia, PA. [Poster Presentation]

- 29. Katz, L. W., Sinha, S., Barber, S. R., Remenschneider, A. K., & Kozin, E. D. (2017, March). The "dark side" of exercise: Use of mobile technology to promote health and wellbeing. Poster session presented at the Annual Convention of the American Occupational Therapy Association, Philadelphia, PA. [Poster Presentation]
- 30. Katz, L. W., Mouldovan, T., Wilson-Braun, J. (2017, March). Use of prisms to improve occupational performance for persons post brain injury. Poster session presented at the Annual Convention of the American Occupational Therapy Association, Philadelphia, PA. [Poster Presentation]
- 31. Sinha, S., Kozin, E. D., Naunheim, M. R., Barber, S. R., Wong, K., Katz, L. W., Otero, T. M. N., Stefanov-Wagner, I. J. M., Remenschneider, A. K. (2016, September). Cumulative and real-time monitoring of noise exposure: A new era for preventative hearing health? Poster session presented at the Annual Meeting of the American Academy of Otolaryngology – Head and Neck Surgery, San Diego, CA. [Poster Presentation]
- 32. Sinha, S., Kozin, E. D., Naunheim, M. R., Barber, S. R., Wong, K., Katz, L. W., Otero, T. M. N., Stefanov-Wagner, I. J. M., Remenschneider, A. K. (2016, May). Contemporary exercise classes may be bad for your (hearing) health. Poster session presented at the Annual Conference of The Triological Society, Chicago, IL. [Poster Presentation]
- 33. Sinha, S., Kozin, E. D., Naunheim, M. R., Barber, S. R., Wong, K., Katz, L. W., Otero, T. M. N., Stefanov-Wagner, I. J. M., Remenschneider, A. K. (2016, May). Real time sound measurements of exercise classes with mobile app demonstrate excessive noise exposure. Presented at Annual Conference of The American Acoustical Society, Salt Lake City, UT. [Oral Presentation]

### Local

- Katz, L. W. (2021, September). Occupational Therapy and Neurorehabilitation. Department of Physical Medicine and Rehabilitation, Tufts University. Boston, MA. [Oral Presentation – virtual]
- Katz, L. W. (2020, June). Health promoting behaviors that improve quality of life for individuals post-stroke. American Congress of Rehabilitation Medicine, Webinar Series. [Oral Presentation – virtual]
- **Katz, L. W.** (2018, April). The Role of Occupational Therapy in Neurorehabilitation. Department of Communication Sciences and Disorders, Emerson College. Boston, MA. [Oral Presentation]
- **Katz, L. W.** (2017, December). The Role of Occupational Therapy in Neurorehabilitation. Department of Communication Sciences and Disorders, Emerson College. Boston, MA. [Oral Presentation]

- 5. **Katz, L. W.** (2017, April). The Role of Occupational Therapy in Neurorehabilitation. Department of Communication Sciences and Disorders, Emerson College. Boston, MA. [Oral Presentation]
- **Katz, L. W.** (2016, November). *The Role of Occupational Therapy in Neurorehabilitation.* Department of Communication Sciences and Disorders, Emerson College. Boston, MA. [Oral Presentation]
- 7. **Katz, L. W.** (2016, April). The Role of Occupational Therapy in Neurorehabilitation. Department of Communication Sciences and Disorders, Emerson College. Boston, MA. [Oral Presentation]
- 8. Katz, L. W. (2015, June). Promoting Social Support for Victims of Violence. Albert Schweitzer Fellowship. Boston, MA. [Poster Presentation]

#### **National Committee Service**

### ACRM Rehabilitation Treatment Specification Networking Group

Group Member (2018 – present); Curriculum Task Force Co-Chair (2020 – present)

- Collaborate with colleagues from various disciplines on evolving research and evidencebased practice using the Rehabilitation Treatment Specification Manual.
- Engage in various taskforces ("Implementation Assessment" Taskforce, "Curriculum" Taskforce, "Cochrane Review" Taskforce), with goals of developing implementation protocols for utilizing the manual in practice by delineating process and mechanism of actions of rehabilitation treatments relevant to classroom curriculum and clinical settings.
- Develop agenda and facilitate monthly group meetings for the "Curriculum" Taskforce with the goal to disseminate information about the RTSS

# ACRM Stroke Interdisciplinary Special Interest Group

Group Member (2018 – present)

- Collaborate with colleagues from various disciplines on timely, relevant, and impactful evidence-based practice related to stroke and brain injury rehabilitation with aim to present findings via various media (e.g. oral presentations, manuscripts, webinars)
- Engage in scholarship within the "Health and Wellness" Taskforce that addresses selfmanagement strategies, quality of life, exercise, mental health, and diet

# **Additional Experience**

### **Pilates Instructor**

Certified Pilates Instructor, Power Pilates (2011 – present)

### Albert Schweitzer Fellowship | Boston, MA

Committee Member, Fellow For Life (2016 – 2018)

Review applications and interview applicants for the nationally recognized Albert Schweitzer Fellowship

• Organize educational activities and events for past, present, and future fellows

# The Youth Institute of Science and Technology (NGO) | Ejisu-Abenase, Ghana (2011 – 2012)

- Develop curriculum and assignments for health education that are culturally competent and context specific
- Provide one-on-one tutoring, mentoring, supportive services, and educational advisement
- Engage in community outreach in surrounding rural villages to publicize the new high school, cultivate relationships with parents and children, and recruit students

# **Society Memberships**

- World Federation of Occupational Therapists (2020 present)
- Massachusetts Association of Occupational Therapy (2018 present)
- American Congress of Rehabilitation Medicine (2018 present)
- American Occupational Therapy Association (2012 present)

### **Honors and Awards**

- Innovation in Teaching and Learning Grant, Summer 2022
- Member Spotlight, ACRM Stroke Matters Newsletter, Fall 2021
- Fellow, Albert Schweitzer Fellowship (2014 2015)