

**CANDIDATE PROFILE****Hadas Nahman-Averbuch,
United States**

Pediatric Pain, Migraine, Pelvic Pain, Basic researcher

Please provide a brief description of your work and interest in the pain field.

I am an Associate Professor at the Department of Anesthesiology at Washington University in St. Louis. My research focuses on the role of sex hormones in pain across the lifespan. My studies in adolescence explore the changes in pain sensitivity and modulation during pubertal maturation and identify the hormonal, neural, and psychophysical factors related to migraine onset in girls with a family history of migraine. Moreover, I explore the factors that relate to changes in migraine severity during puberty in adolescents with migraine. My studies in adults focus on the comorbidity between migraine and endometriosis and determine how interventions for one condition impact the other. Lastly, I examine the peripheral and central factors related to endometriosis pain and changes in pain after endometriosis lesion removal surgery. My studies are funded by IASP, the US Association for the Study of Pain, the American Headache Society, and the US National Institutes of Health. I collaborate closely with clinicians, psychologists, physical therapists, nurses, and researchers from around the world. I find these collaborations critical to advancing the field. I am passionate about teaching and mentoring, and I enjoy sharing my knowledge and experience with students and fellows.

Please provide a brief statement of why you are interested in running for Councilor—why would someone want to vote for you?

I am passionate about the IASP mission and the unique quality of this organization in bringing together scientists, clinicians, and educators to improve pain relief worldwide. I have been involved in multiple IASP committees, working groups, and task forces, and am the past-chair of the Early Career Network. If elected, I will be honored to continue collaborating with the Early Career Network to promote early career activities. I will also work with other members, including clinician-scientists, mid-career members, and members from low and middle income countries, to develop specific activities that meet their needs and increase their engagement with IASP.

Collaborative Leadership and Teamwork: Collaboration is key to the success of IASP's initiatives and programs. Can you share examples of your experience working collaboratively within diverse teams or committees to achieve common goals? How do you plan to foster collaboration among Council members and committees to drive impactful outcomes?

As the past chair of the IASP Early Career Network, I have collaborated with IASP members, leadership, and staff to achieve the IASP Early Career Network goals. Even though the IASP Early Career Network is relatively new, it has achieved many accomplishments, including forming committees, creating a website page, and offering diverse educational and career development activities for early career members. Being involved with and leading committees, working groups, and task forces of IASP and the IASP Early Career Network has taught me how to overcome the challenges of working with diverse groups, communicating with members from various regions, collaborating with members from different cultural backgrounds, and delegating responsibly. For example, if needed, I will interact with individual members or small groups within the council to work together to solve problems. I will also foster collaborations within the IASP council by leading initiatives, setting clear timelines and goals, and ensuring follow-up.

Experience in Financial Oversight and Governance: The Council plays a crucial role in overseeing the financial management and governance of IASP. Can you describe your experience in financial oversight and governance, particularly in reviewing budgets, financial reports, and implementing financial policies? How will you contribute to ensuring the fiscal health and accountability of the association?

I was involved in the formation of the US Association for the Study of Pain and helped write its bylaws. I used this experience when helping to form the IASP Early Career Network and as a member of its Governance Task Force. In addition, I was a member of the financial committee of the US Association for the Study of Pain, where I reviewed financial reports, determined membership dues, discussed financial policies and investments, and helped ensure the organization's long-term financial stability. As a councilor, I will continue to ensure that this organization maintains sufficient reserve funds and adheres to its bylaws. I will also continue to explore ways to increase revenue by offering new educational activities for non-members and to help increase the number of members.

Global Engagement and Representation: Pain is a universal experience, and IASP's reach extends across diverse regions and communities worldwide. As a Councilor, how do you plan to engage with and represent the interests of the global pain community as a Councilor, ensuring inclusivity, diversity, and responsiveness to the needs of various stakeholders?

I have been highly engaged with IASP and its SIGs and chapters and served on the IASP Committee of Committees, Educational Programs Working Group (co-Chair starting October 2026), IASP 50th Anniversary Task Force, World Congress on Pain Task Force, IASP Early Career Network (past Chair), Scientific Program Committee (International Symposium of Pediatric Pain, US Association for the Study of Pain) and Board of Directors of the US Association for the Study of Pain. I am also the recipient of the 2026 Patrick D. Wall Young Investigator Prize for Basic Science and the 2022 IASP Early Career Research Grant, and I serve on the Editorial Board of Pain and Pain Reports. Through these opportunities, I have gained extensive experience working with researchers from various countries with different career stages and diverse backgrounds. While I have mainly focused on early career members, I plan as a councilor to use my existing connections to engage and represent the interests of all members and to ensure that their needs are met, including groups with unique challenges, such as clinician-scientists, mid-career members, members from developing countries, and members whose English is not their native language. I am passionate about the IASP mission and have the time to give back to this organization. It would be an honor to serve IASP and its members as a council member.

IASP Involvement

- 2012- present International Association for the Study of Pain (IASP) Member
- 2013-present Ad Hoc Reviewer (selected): Pain (64), Journal of Pain (22), Clinical Journal of Pain (13), European Journal of Pain (14), Headache (11), Pain Reports (10), Pain Medicine (6)
- 2021-2024 Member, 50th Anniversary Task Force, International Association for the Study of Pain
- 2021-2023 Steering Committee, IASP, Early Career Presidential Task Force
- 2021-2025 Member, Committee on Committees, US Association for the Study of Pain
- 2022-2025 Member, Committee on Committees, International Association for the Study of Pain
- 2022-present Associate Editor, Pain Reports
- 10/2023 Ad-Hoc reviewer, Neurobiology of Pain and Itch study section, NIH
- 2023-2024 Chair, IASP Early Career Network
- 2023-2026 Member, IASP Educational Programs Working Group
- 2024-2025 IASP Congress Task Force
- 2026-present Co-Chair, IASP Educational Programs Working Group

CV- Hadas Nahman-Averbuch

Education

- 2010-2015 **Doctor of Philosophy, Ph.D.**
Faculty of Medicine, Technion – Israel Institute of Technology. Haifa, Israel
Advisor: Prof. David Yarnitsky
- 2006-2009 **Master of Science, M.Sc.**
Faculty of Medicine, Technion – Israel Institute of Technology. Haifa, Israel
Advisors: Prof. David Yarnitsky and Prof. Dorit Pud
- 2003-2006 **Bachelor of Science, B.Sc.**
Faculty of Biology University of Haifa. Haifa, Israel.

Employment History

- 07/2026-present **Associate Professor**, Washington University Pain Center, Division of Clinical and Translational Research, Department of Anesthesiology, Washington University School of Medicine, Washington University in St. Louis, St. Louis, MO, USA
- 07/2021-06/2026 **Assistant Professor**, Washington University Pain Center, Division of Clinical and Translational Research, Department of Anesthesiology, Washington University School of Medicine, Washington University in St. Louis, St. Louis, MO, USA
- 2015-2021 **Postdoctoral Research Fellow**, Division of Behavioral Medicine and Clinical Psychology, Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio, USA

Selected Current and Completed Funding

- * Migraine Prognosis in Adolescents (**NIH, R01NS134986**), 07/2024–06/2029, Nahman-Averbuch (PI)
- * Migraine Onset in Adolescents Girls (**NIH, R01NS129742**), 12/2022-11/2027, Nahman-Averbuch (PI)
- * Peripheral and central mechanisms of endometriosis pain (**NIH, R21HD115568**), 03/2025-03/2027, Nahman-Averbuch (Co-PI with Ross)
- * Peripheral and central mechanisms of endometriosis pain in adolescents (**USASP MAYDAY Clinical/Translational Research Award**) 07/01/2023 – 06/31/2025, Nahman-Averbuch (PI)
- * Hormonal mechanisms of puberty related alterations in pain sensitivity (**IASP Early Career Research Grant**), 10/2022-10/2023, Nahman-Averbuch (PI)

Academic Distinctions and Awards

- 2026 Patrick D. Wall Young Investigator Prize for Basic Science, IASP
- 2026 Harold Wolff-John Graham Award, American Academy of Neurology
- 2021 2020 Members' Choice Award, American Headache Society
- 2019 Frontiers in Headache Research Scholarship Award, American Headache Society
- 2019 Junior Investigator Award, Pediatric Pain SIG, American Pain Society
- 2018 International Collaboration Award, Society of Pediatric Psychology
- 2017 Young Investigators Travel Award, American Pain Society (APS)
- 2016 Frontiers in Headache Research Scholarship Award, American Headache Society
- 2015-2017 Cincinnati Children's Award for Young Scientific Leadership- Israel Exchange Program
- 2015 Excellent Post-Doctoral Women Award, Technion
- 2012 Travel Award, International Association for the Study of Pain (IASP)
- 2009, 2011 Travel Award, European Federation of IASP (EFIC)
- 2004-2006 Excellence Program Scholarship, University of Haifa

Professional Activities and Experience

- 2026-present Co-Chair, IASP Educational Programs Working Group
- 2026-2027 Member, Scientific Program Committee, 2027 International Symposium of Pediatric Pain (ISPP)
- 2025 American Academy of Neurology, Abstract Reviewer
- 2025 Editorial Board Member, Migraine Science Collaborative
- 2025 Faculty, Pain in Child Health (PICH)
- 6/2025 Visiting Faculty, North American Pain School (NAPS), Montebello, Canada
- 6/2025 Ad-Hoc reviewer, Neurobiology of Pain and Itch study section, NIH
- 2025-2028 Associate Editor, PAIN

2024-2027	Member, Scientific program committee, US Association for the Study of Pain
2024-2025	IASP Congress Task Force
10/2023	Ad-Hoc reviewer, Neurobiology of Pain and Itch study section, NIH
2023-2024	Chair, IASP Early Career Network
2023-2026	Member, IASP Educational Programs Working Group
2023-2025	Editorial Board Member, Children
2022-2025	Member, Committee on Committees, International Association for the Study of Pain
2022-2024	Member, Finance Committee, US Association for the Study of Pain (USASP)
2022-present	Associate Editor, Pain Reports
2021-2024	Member, 50th Anniversary Task Force, International Association for the Study of Pain
2021-2023	Co-Chair, Education and Professional Development Committee, USASP
2021-2023	Steering Committee, IASP, Early Career Presidential Task Force
2021-2025	Member, Committee on Committees, US Association for the Study of Pain
2020-2023	Member, Board of Directors, US Association for the Study of Pain
2020	International Headache Academy
2019	Visiting Researcher, University of Bath, Bath, UK (Dr. Jordan)
2019	Trainee member, Pain in Child Health (PICH)
2019-2020	Organizing Committee, US Association for the Study of Pain
2019-2020	Assistant Editor, Headache
2018	Trainee, North American Pain School (NAPS), Montebello, Canada
2013-present	Ad Hoc Reviewer (selected): Pain (64), Journal of Pain (22), Clinical Journal of Pain (13), European Journal of Pain (14), Headache (11), Pain Reports (10), Pain Medicine (6)
2012	European Pain Academy, Siena, Italy
2011	Visiting Researcher, Wake Forest University, Winston-Salem, North Carolina, USA (Dr. Coghill)

Professional Associations

2022- present International Headache Society
 2020- present United States Association for the Study of Pain (USASP)
 2019- present American Headache Society (AHS)
 2012- present International Association for the Study of Pain (IASP)

Selected Peer Review Scientific Papers

1. Cundiff-O'Sullivan R, Banerjee G, Brown J, McMichael A, Buday S, Baranski T, Haroutounian S, AuBuchon J, Barch D, **Nahman-Averbuch H**. Changes in hormones and experimental pain sensitivity in healthy girls: An exploratory longitudinal pilot study. *Pain Reports*. *In press*
2. Banerjee G, Brown J, McMichael A, Ben Abdallah A, Buday S, Baranski T, Haroutounian S, Barch D, AuBuchon J, **Nahman-Averbuch H**. Androgen levels and experimental pain sensitivity in healthy young adolescent girls. *Pain*. 2025;166(11):2628-2640
3. **Nahman-Averbuch H**, Banerjee G, Brown J, McMichael A, Ben Abdallah A, Buday S, Baranski T, Haroutounian S, Barch D, Garwood S, AuBuchon J. The role of puberty in experimental pain sensitivity in healthy adolescent girls. *Pain Reports*. 2025; 10(4):e1292
4. Wu-Chen E, Banerjee G, Requadt E, Hunter B, Baranski TJ, Ross WT, **Nahman-Averbuch H**. The role of androgens on experimental pain sensitivity: a systemic review and meta-analysis. *Pain Reports*. 2025;10(2):e1263
5. Dourson AJ, Darken RS, Baranski TJ, Gereau RW, Ross WT, **Nahman-Averbuch H**. The role of androgens in migraine pathophysiology. *Neurobiology of Pain*. 2024;16:100171
6. **Nahman-Averbuch H**, Piché M, Bannister K, Coghill RC. Involvement of propriospinal processes in conditioned pain modulation. *Pain*. 2024;165(9):1907-1913
7. **Nahman-Averbuch H**, Li R, Boerner K, Lewis C, Garwood S, Palermo T, Jordan A. Alterations in pain during adolescence and puberty. *Trends in Neuroscience*. 2023;46(4):307-317.
8. **Nahman-Averbuch H**, Hughes C, Hoeppli ME, White K, Peugh J, Leon E, King CD, Coghill RC. Communication of pain intensity and unpleasantness through magnitude ratings: Influence of scale type, but not gender of the participant. *European J of Pain*. 2023;27(10):1161-1176.

9. **Nahman-Averbuch H**, Timmers I. Neural mechanisms underlying the conditioned pain modulation response: a narrative review of neuroimaging studies. *Pain*. 2023;164(1):e25-e46.
10. Hoeppli ME, **Nahman-Averbuch H**, Hinkle W, Leon E, Peugh J, Lopes-Sola M, King CD, Goldschneider KR, Coghill RC. Dissociation between Individual differences in self-reported pain sensitivity and underlying brain activation. *Nature Communications*. 2022;13(1):3569.
11. **Nahman-Averbuch H**, Schneider VJ II, Lee GR, Hershey AD, Powers SW, Coghill RC, King CD. New insights into the neural mechanisms of migraine in adolescents: relationships with sleep. *Headache*. 2022;62(6):668-680.
12. **Nahman-Averbuch H**, Schneider VJ II, Chamberlin LA, Kroon Van Diest AM, Peugh JL, Lee GR, Radhakrishnan R, Hershey AD, Powers SW, Coghill RC, King CD. Identification of neural and psychophysical predictors of headache reduction following cognitive behavioral therapy in adolescents with migraine. *Pain*, 2021;162(2):372-381.
13. **Nahman-Averbuch H**, Leon E, Hunter B, Ding L, Hershey A, Powers S, King CD, Coghill RC. Increased pain sensitivity but normal pain modulation in adolescents with migraine. *Pain*, 2019;60(5):1019-1028.
14. **Nahman-Averbuch H**, Shefi T, Schneider VJ 2nd, Li D, Ding L, King CD, Coghill RC. Quantitative sensory testing in patients with migraine: a systematic review and meta-analysis. *Pain*. 2018;159(7):1202-1223.
15. Yarnitsky D, Granot M, **Nahman-Averbuch H**, Khamaisi M, Granovsky Y. Conditioned pain modulation predicts duloxetine efficacy in painful diabetic neuropathy. *Pain*. 2012 ;153(6):1193-1198.

Selected Oral Presentations at Scientific Meetings

1. "Sex hormones and pain across the lifespan" To be presented at the 21st World Congress on Pain of the International Association for the Study of Pain. Bangkok, Thailand. October 2026 (Award talk)
2. "Pain Perception and Responding: Understanding Variability Within and Between Stages of Childhood". To be presented at the 21st World Congress on Pain of the International Association for the Study of Pain (IASP). Bangkok, Thailand. October 2026
3. "Sex hormones and migraine severity in adolescent girls". American Academy of neurology. Chicago, IL. April 2026 (Award talk)
4. "Androgen effects on experimental and clinical pain". *5th USASP meeting*, Philadelphia, PA. March 2026 (Chair)
5. "Risk factors for pain development and chronification". *58th Annual Winter Conference on Brain Research*. Big Sky MT. January 2026
6. "Hormonal factors related to migraine prognosis". *67th Annual Scientific Meeting, American Headache Society*. Minneapolis, MN. June 2025 (invited talk).
7. "Peripheral and central mechanisms of endometriosis pain". *4th USASP meeting*, Chicago, IL. April 2025 (Invited talk).
8. "The role of hormonal and psychological factors on pain". *The 20th World Congress on Pain of the International Association for the Study of Pain (IASP)*. Amsterdam, The Netherlands. August 2024 (Chair).
9. "Androgen levels and migraine severity in adolescents". *3rd USASP meeting*, Seattle, WA. April 2024.
10. "Hormonal effects of puberty-related alterations in pain in adolescents with migraine". *International Headache Congress*, Seoul, South Korea. September ,2023
11. "Sex differences in pain during adolescence". USASP Pediatric and Sex Differences SIGs meeting. February 2023.
12. "Changes in Pain during Adolescence: What and Why". *The 19th World Congress on Pain of the International Association for the Study of Pain (IASP)*. Toronto, Canada. September 2022 (Chair).
13. "Alterations in pain sensitivity in participants with a family history of pain". *13th International Symposium on Paediatric Pain*. Auckland, New Zealand. March 2022 (Chair).
14. "Pain sensitivity in adolescents". Center of Pain Research, University of Bath, UK. September 2019.
15. "The effect of testosterone levels on pain sensitivity". *12th International Symposium on Paediatric Pain*, Basel, Switzerland. June 2019 (Chair).