

Personal Data:

Kelley Y. Chaddock
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Education:

BA, University of Washington (2006)

Experience:

Manager, Research and Administration 01/2016 – Current
University of Washington (UW), Harborview Medical Center (HMC) Department of Neurological Surgery

- Managing NIH/NICHHD funded pediatric randomized control trial research study in Central and South America (PI Chesnut).
- Previous project management experience overseeing a \$2.5 million NIH/NINDS research funded traumatic brain injury guidelines study in South America, study results published in the New England Journal of Medicine (PI Chesnut). See research section.
- Currently managing department administrative team at HMC and UW offices ensuring all IT issues are addressed for calendars, working with building maintenance to ensure all work areas are working properly.
- Writes/edits and submits research study related manuscripts to medical journals.
- Works closely with department management to ensure office operations run smoothly at both HMC and UWMC.
- Collaborates with the SOM, UW IT, facilities, senior leadership teams to ensure office operations, onboarding of new staff and faculty run smoothly.
- Assists several neurosurgeons with their academic and administrative side of their practices and ensures all their annual reports, travel, publications, legal and letters of support are submitted in a timely manner.

Research Coordinator 02/2010 – 01/2016
University of Washington, Harborview Medical Center Department of Neurological Surgery

- Managed NIH/NINDS funded traumatic brain injury studies and study staff in Latin America.
- Prepared, edited and submitted IRB application drafts for PI review and approval.
- Planned, set agendas and coordinated weekly domestic and annual international meetings (50+ people).
- Monitors expenditures to make sure that project is staying within budget while meeting awarded objectives.
- Drafts research reports, peer review scientific articles and prepares findings for professional journals.

Administrative Specialist 12/2006 – 02/2010
University of Washington, Harborview Medical Center Department of Neurological Surgery

- Served as administration assistant and was the primary liaison between trauma surgeons, hospital executives and department faculty regarding on all matters related to the department and UW.
- Position also included assisting one of our neurosurgeons with a government funded study on Traumatic Brain Injuries in Latin America (RCT and Observational study).

Research Study Coordinator 08/2002 – 12/2006
UW, Multidisciplinary Clinical Research Center (MCRC) General Internal Medicine

- Provided administrative support for department medical research study.
- managed and trained departmental staff, six patient follow-up (FU) interviewers, administered study questionnaires to related study subjects, data collection for three study groups the FU budget,

work closely with physicians and study investigators' on statistical FU analysis, provided weekly data reports and assisted with study logistics and publication research.

Events and Public Relations 1992 – 1996

Hughes Space and Communications, Hughes Aircraft Company, El Segundo, CA

- Coordinated meetings and events with satellite customers, foreign dignitaries, U.S. government officials, and executive management.
- Organized international meetings and events
- Top Secret clearances

Executive Assistant to General Motors/Hughes Policy Board Vice President 1987 – 1992

Hughes Space and Communications, Hughes Aircraft Company, El Segundo, CA

- Executive assistant to the General Motors/Hughes Executive Vice President

Research (Funding Agency – National Institute of Health):

07/15/07– 4/1/12 R011NS058302-01 (Chesnut PI)

\$3,211,467

Traumatic Brain Injury in Latin America: Lifespan Analysis – **Research Coordinator**

This application is to establish a network of Centers of Excellence in Latin America that will, in collaboration with U.S. partners, conduct TBI research and training programs.

The purpose is to identify factors that influence outcomes in resource-poor environments as well as teach the full spectrum of clinical research about TBI including care for TBI patients; the creation of the capacity for cognitive evaluation of TBI patients; education in data collection, management, analysis, interpretation, and the management of a data center; and education on how to identify, prepare and successfully apply for funding for future research projects.

09/30/12 – 07/31/20 1R01NS080648-01 (Chesnut, et al – PI)

Managing severe TBI without ICP monitoring – **Research Manager**

Guidelines development and testing the objective of this project is to create guidelines for the treatment of severe TBI in the absence of ICP monitoring and test them. We propose to derive these guidelines by working with a team of clinicians that practice in austere environments in low-to-middle income countries (LMICs) and routinely make decisions based either on a treatment protocol, their clinical experience, or both.

08/01/2021 – 07/31/2026 1R01HD106273-01 (Chesnut, et al – PI)

Pediatric Severe Traumatic Brain Injury in Latin America – A Randomized Trial Comparing Two Management Protocols – **Research Manager**

In a Phase III randomized superiority trial in 428 children with sTBI from 7 Latin American pediatric trauma centers, the study will test the effect on outcomes of management of sTBI guided by a protocol using information from ICP monitors vs. management using a protocol that uses imaging & clinical exams to guide treatment.

Diversity, Equity and Inclusion Activities:

1. Citizens Advisory Board Member – NIH funded AI-READI Diabetes Consortium Study. The overall purpose of the AI-READI Research Project is to collect a large multi-ethnic, multi-domain bio dataset for future applications of artificial intelligence/machine learning to improve our understanding of health factors that may be inherent to type 2 diabetes. As an advisory board member, I provide advice to study Investigators about ways to improve different aspects of the research process.

Bibliographies (Peer Reviewed):

1. **Chaddock, KY.** *The Justification for Japanese Internment During WWII: Was Race a Decisive Factor?* University of Washington Bothell Policy Journal, 9 (2005), 19-24.

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2. Carney N, Lujan S, Dikmen S, Temkin N, Petroni G, Pridgeon J, Barber J, Machamer J, Cherner M, **Chaddock K**, Hendrix T, Rondina C, Videtta W, Celix JM, Chesnut R. *A multi-center randomized controlled trial of use of intracranial pressure monitor to direct management of severe traumatic brain injury in Latin America.* J Neurotrauma. 2012 Jul 20;29(11):2022-9. doi: 10.1089/neu.2011.2019. Epub 2012 May 15, PMID: 22435793 [PubMed - indexed for MEDLINE].
3. Chesnut RM, Temkin N, Carney N, Dikmen S, Pridgeon J, Barber J, Celix JM, **Chaddock K**, Cherner M, Hendrix T, Lujan S, Machamer J, Petroni G, Rondina C, Videtta W. *Traumatic brain injury in Latin America: lifespan analysis randomized control trial protocol**. Neurosurgery. 2012 Dec;71(6):1055-63. doi: 10.1227/NEU.0b013e31827276b7, PMID: 22986600 [PubMed - indexed for MEDLINE]. PMCID: PMC3549327.
4. Chesnut RM, Temkin N, Carney N, Dikmen S, Rondina C, Videtta W, Petroni G, Lujan S, Pridgeon J, Barber J, Machamer J, **Chaddock K**, Celix JM, Cherner M, Hendrix T. *A trial of intracranial-pressure monitoring in traumatic brain injury.* N Engl J Med. 2012 Dec 27;367(26):2471-81. doi: 10.1056/NEJMoa1207363. Epub 2012 Dec 12. PMID: 23234472 [PubMed - indexed for MEDLINE]. PMCID: PMC3565432.
5. Chesnut RM, Temkin N, Dikmen S, Rondina C, Videtta W, Lujan S, Petroni G, Pridgeon J, Barber J, Machamer J, **Chaddock K**, Celix JM, Cherner M, Hendrix T. *Ethical and methodological considerations on conducting clinical research in poor and low-income countries: Viewpoint of the authors of the BEST TRIP ICP randomized trial in Latin America.* Surg Neurol Int. 2015 Jul 2;6:116. doi: 10.4103/2152-7806.159841. PMID: 26229731. PMCID: PMC4513298.
6. Chesnut RM, Temkin N, Dikmen S, Rondina C, Videtta W, et al (**Chaddock K**). *A Method of Managing Severe Traumatic Brain Injury in the Absence of Intracranial Pressure Monitoring: the ICE Protocol.* J Neurotrauma. 2018 Jan 1;35(1):54-63. doi: 10.1089/neu.2016.4472. Epub 2017 Sep 26. PMID: 28726590, PMCID: PMC5757082.
7. Hendrickson P, Pridgeon J, Temkin N, Videtta W, Petroni G, et al (**Chaddock K**). *Development of Severe Traumatic Brain Injury Consensus-Based Treatment Protocol Conference in Latin America.* World Neurosurg. (2018) 110:e952-e957. <https://doi.org/10.1016/j.wneu.2017.11.142>. PMCID: PMC6214355.
8. Bonow RH, Barber J, Temkin NR, Videtta W, Rondina C, Petroni G, Lujan S, Alanis V, La Fuente G, Lavadenz A, Merida R, Jibaja M, Gonzáles L, Falcao A, Romero R, Dikmen S, Pridgeon J, Chesnut RM; **Global Neurotrauma Research Group**. *The Outcome of Severe Traumatic Brain Injury in Latin America.* World Neurosurg. 2018 Mar;111:e82-e90. doi: 10.1016/j.wneu.2017.11.171. Epub 2017 Dec 9. PMID: 29229352
9. Alali AS, Temkin N, Barber J, Pridgeon J, **Chaddock K**, Dikmen S, Hendrickson P, Videtta W, Lujan S, Petroni G, Guadagnoli N, Urbina Z, Chesnut RM. *A Clinical Decision Rule to Predict Intracranial Hypertension in Severe Traumatic Brain Injury.* J Neurosurg. 2018 Sep 28:1-8. doi: 10.3171/2018.4.JNS173166. [Epub ahead of print]. PMID: 30265194, NIHMSID: NIHMS 1030657.
10. Chesnut R, Temkin, N, Videtta W, Petroni G, Lujan S, Pridgeon J, Dikmen S, **Chaddock K**, Barber J, Machamer J, Guadagnoli N, Hendrickson P, et al. *A Consensus-Based Management Protocol For The Treatment Of Severe Traumatic Brain Injury Based On Imaging And Clinical Examination For Use When Intracranial Pressure Monitoring Is Not Employed.* J Neurotrauma 2020 Feb 4[Online ahead of print]. PMID: 32013721 DOI: 10.1089/neu.2017.5599.
11. Chesnut RM, Temkin N, Videtta, Lujan S, Petroni G, Pridgeon J, Dikmen S, **Chaddock K**, et al. *Testing the*

Impact of Protocolized Care of Patients With Severe Traumatic Brain Injury Without Intracranial Pressure Monitoring: The Imaging and Clinical Examination Protocol. Neurosurgery. 2023 Mar 1;92(3):472-480. doi: 10.1227/neu.0000000000002251. Epub 2022 Dec 12. PMID: 36790211 PMCID: PMC10158870 (available on 2023-12-12).

12. Chesnut R, Temkin N, Pridgeon J, Sulzbacher S, Lujan S, Videtta W, Moya-Barquin L, **Chaddock K**, Bonow, R, et al. *Protocol for a Randomized Trial Comparing ICP-Monitor-Based Management of Severe Pediatric Traumatic Brain Injury to Management Based on Imaging and Clinical Examination without ICP Monitoring.* Neurosurgery 6 July 2023. ISSN: 0148-396X, 1524-4040; DOI: 10.1227/neu.0000000000002582; PMID: 37409817.