



# Neurology Informatics Update

Education Retreat

Department of Neurology, University of Vermont Medical Center

Department of Neurological Sciences, University of Vermont College of Medicine

In-person, October 6<sup>th</sup>, 2023, Friday

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# Neurology Informatics

- Updates From 2022-23 Academic / Financial Year
  - Clinical Informatics Theme of Grand Rounds
  - Technological, Regulatory And Financial Aspects Of Clinical (TEREFIC) Practice Curriculum
  - Epic Specialty Champion
- Plans for 2023-24 Academic / Financial Year
  - Clinical Informatics
  - Research Informatics
  - Education Informatics

# Neurology Informatics

- Updates From 2022-23 Academic / Financial Year
  - Clinical Informatics Theme of Grand Rounds
    - During the 2022/2023 academic year, 4 grand round lectures were organized to focus on introduction to informatics and relevance on informatics (clinical and research) to neurology.
      - *Gap1: Lack of knowledge among neurology trainees and faculty in the emerging discipline of informatics, and educational path available to them to specializing in informatics*
      - *Gap 2: Lack of understanding of the critical role of informatics in advancing clinical practice and clinical research in neurology.*

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      - 9/30/22 – Lara Jehi (Cleveland Clinic)
      - 11/20/22 – Katie Grouse (UCSF)
      - 5/18/23 – Allan Wu (Northwestern)

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- Updates From 2022-23 Academic / Financial Year
  - TREFIC Practice Curriculum
    - The TREFIC Practice curriculum in Neurology Residency program was implemented as part of Residents' didactics.
    - The curriculum was previously developed as part of a pilot educational innovation initiative from 2021-2022.
    - The curriculum was very well received by Residents in both pilot run and as part of the didactic.

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- Updates From 2022-23 Academic / Financial Year
  - Epic Specialty Champion
    - Neurology faculty participated in revision of the neurology referral order in Epic by contributing to its design through REDCap based mockup.
    - Neurology relevant updates were shared with the faculty in clinical faculty meetings twice (1/20/23 and 9/15/23).

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# Neurology Informatics

- Clinical Informatics:
  - Epic SmartUser Provider work
  - Epic Physician Builder work
- Research Informatics:
  - Data Management Office (DMO) of UVMHN
  - Enterprise Technology Service (ETS) research computing division of UVM
- Education Informatics:
  - TREFIC Practice curriculum
  - FileMaker & iPad-based Live Medical Media Recording & Reviewing (FiLMeR) app





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