**NAME: Nicholas James Tustison**

**Purpose:** The Annual Faculty Review is used as an opportunity to celebrate faculty successes, develop mechanisms for continued success, and provide guidance and feedback for professional advancement. *Please understand that the more accurate the information you provide the more productive and meaningful your review will be.* Thank you for your thoughtful reporting efforts.

1. ***CURRICULUM VITAE***

Please submit an updated CV, in School of Medicine P&T format, when you submit this report.

Reference website: [P&T Resources | Faculty Affairs and Development (virginia.edu)](https://faculty.med.virginia.edu/facultyaffairs/advancement/pandt/pt-resources/)

1. ***ADMINISTRATIVE SERVICE & ACTIVITIES***
2. **ADMINISTRATIVE ACTIVITIES**
   1. **Current Appointments/Roles (Including % effort for each role)**

*Directions: Please report relevant percent effort types per role:*

*% Clinical Effort % Teaching Effort % Scholarly Effort*

*% Administrative Effort % Other Purchase Service Agreement Activities Effort*

* + - **Division**
    - **Department**
    - **School of Medicine**
    - **Health System**
    - **University (UVA/UPG)**
    - **Other**
  1. **Administrative Initiatives**

\*Note: Include topic and timeframe, and brief descriptive narrative

* 1. **\_\_\_0\_\_\_\_ Number of staff reporting to you**
  2. **\_\_\_0\_\_\_\_ Number of faculty reporting to you**

1. **PROFESSIONAL COMMITTEE SERVICE (Including Scientific & Teaching), COUNCILS, SPECIALTY SOCIETIES AND ORGANIZATIONS**
   1. **Scientific Program Committees**

*(ie. RSNA; Include your role & note any committees you chair)*

* 1. **NIH Study Sections**

*(Include your role & note any committees you chair)*

* 1. **Society/Council/Legislative/Organization - International**

***(Include your role & note any committees you chair)***

Insight Software Consortium Council (secretary)

* 1. **Society/Council/Legislative/Organization – National/Regional**

(*Include your role & note any committees you chair)*

1. **Society/Council/Legislative Organization – State/Regional**

*(Include your role & note any committees you chair)*

1. **Society/Council/Legislative/Organization – Local/Area**

*(Include your role & note any committees you chair)*

1. **School of Medicine/Health System/UPG/University**

*(Include your role & note any committees you chair)*

1. **Department/Division-Level**

(Include your role & note any committees you chair)

*\*Note: Be sure to include education committees in this section.*

1. **OTHER PROFESSIONAL & SERVICE ACTIVITIES**

(eg. Board service, society/org leadership roles/offices, program/session coordination, service roles other than committee work, etc.)

* 1. **Society/Council/Legislative/Organization - International**

*(Include your role.)*

* 1. **Society/Council/Legislative/Organization – National/Regional**

*(Include your role.)*

1. **Society/Council/Legislative Organization – State/Regional**

*(Include your role.)*

1. **Society/Council/Legislative/Organization – Local/Area**

*(Include your role.)*

1. **School of Medicine/Health System/UPG/University**

*(Include your role.)*

1. **Department/Division-Level**

*(Include your role.)*

1. ***SCHOLARLY ACTIVITIES***
2. **BIBLIOGRAPHY**

**PEER-REVIEWED**

Note: Where appropriate, use \* to designate trainees, use ~ to designate corresponding authorship, and use ^ to indicate presenters.

* 1. **Peer-Reviewed Papers/Publications between April 1, 2023 – March 31, 2024**

**and Impact Factor** \*Note: Do not include manuscripts that are in press, accepted, or submitted.

Danni Tu, Manu S. Goyal, Jordan D. Dworkin, Samuel Kampondeni, Lorenna Vidal, Eric Biondo-Savin, Sandeep Juvvadi, Prashant Raghavan, Jennifer Nicholas, Karen Chetcuti, Kelly Clark, Timothy Robert-Fitzgerald, Theodore D. Satterthwaite, Paul Yushkevich, Christos Davatzikos, Guray Erus, **Nicholas J. Tustison**, Douglas G. Postels, Terrie E. Taylor, Dylan S. Small, and Russell T. Shinohara. Automated Analysis of Low-Field Brain MRI in Cerebral Malaria. Biometrics, 79(3):2417-2429, Sep 2023.  IF = 1.9.

William J. Garrison, Kun Qing, Mu He, Li Zhao, **Nicholas J. Tustison**, Jaime F. Mata, Y. Michael Shim, Alan M. Ropp, Talissa A. Altes, John P. Mugler III, and G. Wilson Miller. Lung Volume Dependence and Repeatability of Hyperpolarized 129Xe MRI Gas Uptake Metrics in Healthy Volunteers and Patients with COPD. Radiology: Cardiothoracic Imaging, 5(3):e220096, Jun 2023.  IF = 7.0.

Batool Rizvi, Mithra T Sathishkumar, Soyun Kim, Freddie Márquez, Steven J. Granger, Myra S. Larson, Blake A. Miranda, Martina K. Hollearn, L. McMillan, B. Nan, **N. Tustison**, P. Lao, A. Brickman, Dana E. Greenia, M. Corrada, C. Kawas, and M. Yassa. Posterior white matter hyperintensities are associated with reduced medial temporal lobe subregional integrity and long-term memory in older adults. Neuroimage Clinical, 37, 2023.  IF = 4.2.

Jay Hegdé, **Nicholas J Tustison**, William T. Parker, Fallon B. Branch, Nathan Yanasak, and Lorie A. Stumpo. An Anatomical Template for the Normalization of Medical Images of Adult Human Hands. Diagnostics, 13(12):2010, Jun 2023.  IF = 3.6.

Kun Qing, Talissa A. Altes, John P. Mugler III, Jaime F. Mata, **Nicholas J. Tustison**, Kai Ruppert, Juliana Bueno, Lucia Flors, Y. Michael Shim, Li Zhao, Joanne Cassani, W. Gerald Teague, John S Kim, Zhixing Wang, Iulian C. Ruset, F. William Hersman, and Borna Mehrad. Hyperpolarized Xenon-129: A New Tool to Assess Pulmonary Physiology in Patients with Pulmonary Fibrosis. Biomedicines, 11(6):1533, May 2023.  IF = 4.7.

* 1. **Peer-Reviewed Papers/Publications that are in press or accepted**

**between April 1, 2023 – March 31, 2024** \*Note: Please differentiate.

Kun Qing, Talissa Altes, John Mugler III, **Nick Tustison**, Jaime Mata, Kai Ruppert, Peter Komlosi, Xue Feng, Ke Nie, Li Zhao, Zhixing Wang, F. William Hersman, Iulian Ruset, Bo Liu, Y. Michael Shim, and W. Gerald Teague. Pulmonary MRI with Hyperpolarized Xenon-129 Demonstrates Novel Alterations in Gas Transfer Across the Air-blood Barrier in Asthma. Medical Physics.

Natalie DiProspero, Mithra Sathishkumar, John Janecek, Anna Smith, Liv McMillan, Melissa Peterson, Michael Phelan, **Nicholas Tustison**, David B. Keator, Eric Doran, Christine Hom, Dana Nguyen, Howard Andrews, Sharon Krinsky-McHale, Adam Brickman, H. Diana Rosas, Florence Lai, Elizabeth Head, Mark Mapstone, Nicole Schupf, Wayne Silverman, Ira T. Lott, Sid O’Bryant, and Michael A. Yassa. Neurofilament light chain concentration mediates the association between regional medial temporal lobe structure and memory in adults with Down syndrome. Alzheimer’s & Dementia: Diagnosis, Assessment & Disease Monitoring.

James R. Stone, Brian B. Avants, **Nicholas Tustison**, Jessica Gill, Elisabeth A. Wilde, George E. Wahlen, Kiel D. Neumann, Leslie A. Gladney, Madison O. Kilgore, F. Bowling, Christopher M. Wilson, John F. Detro, Heather G. Belanger, Katryna Deary, Hans Linsenbardt, and Stephen T. Ahlers. Neurological effects of repeated blast exposure in Special Operations personnel. Journal of Neurotrauma.

* 1. **Peer-Reviewed Papers/Publications that have been submitted**

**between April 1, 2023 – March 31, 2024**

Emily L Dennis, Jared Rowland, Carrie Esopenko, **Nicholas Tustison**, Mary Newsome, Brian Avants, Jessica Gill, Sidney Hinds II, Kimbra Kenney, Hannah Lindsey, Sarah Martindale-Supak, Mary Jo Pugh, Randall Scheibel, Pashtun-Poh Shahim, Robert Shih, James R Stone, Maya Troyanskaya, William C Walker, J Kent Werner, Gerald York, David Cifu, David Tate, and Elisabeth A Wilde. Brain volume changes following blast-related mild TBI in service members and veterans: a LIMBIC-CENC study.

Fae A Kronman, Josephine K Liwang, Rebecca Betty, Daniel J Vanselow, Yuan-Ting Wu, **Nicholas J Tustison**, Ashwin Bhandiwad, Steffy B Manjila, Jennifer A Minteer, Donghui Shin, Choong Heon Lee, Rohan Patil, Jeffrey T Duda, Luis Puelles, James C Gee, Jiangyang Zhang, Lydia Ng, and Yongsoo Kim. Developmental Mouse Brain Common Coordinate Framework.

Chenxi Yuan, Jinhao Duan, **Nicholas J. Tustison**, Kaidi Xu, Rebecca A Hubbard, and Kristin A Linn. ReMiND: Recovery of Missing Neuroimaging using Diffusion Models with Application to Alzheimer’s Disease.

Brian Avants, **Nicholas J. Tustison**, Corey T McMillan, Taylor Gosselin, Roger Gunn, and Jacob Hesterman. Concurrent 3D super resolution on intensity and segmentation maps improves detection of structural effects in neurodegenerative disease.

Fengling Hu, Alfredo Lucas, Andrew A. Chen, Kyle Coleman, Hannah Horng, Raymond W.S. Ng, **Nicholas J. Tustison**, Kathryn A. Davis, Haochang Shou, Mingyao Li, Russell T. Shinohara, and The Alzheimer’s Disease Neuroimaging Initiative. DeepComBat: A Statistically Motivated, Hyperparameter-Robust, Deep Learning Approach to Harmonization of Neuroimaging Data.

Kevin Donovan, **Nicholas J. Tustison**, Kristin A. Linn, Russell T. Shinohara,and the Alzheimer’s Disease Neuroimaging Initiative. Multivariate Residualization in Medical Imaging Analysis.

Jesse W. Birchfield, **Nicholas J. Tustison**, and Andrew J. Holbrook. Synthesizing longitudinal cortical thickness estimates with a flexible and hierarchical multivariate measurement-error model.

**Nicholas J. Tustison**, Michael A. Yassa, Batool Rizvi, Andrew J. Holbrook, Mithra T. Sathishkumar, Mia G. Tustison, James C. Gee, James R. Stone, and Brian B. Avants. ANTsX neuroimaging-derived structural phenotypes of UK Biobank.

**NON PEER-REVIEWED**

Note: Where appropriate, use \* to designate trainees, use ~ to designate corresponding authorship, and use ^ to indicate presenters.

1. **Non Peer-Reviewed Papers/Publications – published April 1, 2023 – March 31, 2024**
2. **Non Peer-Reviewed Papers/Publications – in press or accepted between April 1, 2023 – March 31, 2024** \*Note: Please differentiate
3. **Non Peer-Reviewed Papers/Publications – submitted between April 1, 2023 – March 31, 2024**

**BOOKS/BOOK CHAPTERS**

* Note: Identify invited chapters
* Note: Where appropriate, use \* to designate trainees, use ~ to designate corresponding authorship, and use ^ to indicate presenters

1. **Book chapters published between April 1, 2023 – March 31, 2024**

Min Chen, **Nicholas J. Tustison**, Rohit Jena, and James C. Gee:   
Image Registration: Fundamentals and Recent Advances Based on Deep Learning. Machine Learning for Brain Disorder. Olivier Colliot (ed.). New York, NY: Humana Press, 2023.

1. **Books published between April 1, 2023 – March 31, 2024**

**SHORT COMMUNICATIONS, EDITORIALS, COMMENTARIES, & LETTERS TO THE EDITOR**

Note: Where appropriate, use \* to designate trainees, use ~ to designate corresponding authorship, and use ^ to indicate presenters

1. **Published between April 1, 2023 – March 31, 2024**
2. **In press or accepted between April 1, 2023 – March 31, 2024**

\*Please differentiate

1. **Submitted between April 1, 2023 – March 31, 2024**

**PUBLISHED, PEER-REVIEWED ABSTRACTS, POSTERS & TECHNICAL/EDUCATIONAL EXHIBITS**

Note: Where appropriate, use \* to designate trainees, use ~ to designate corresponding authorship, and use ^ to indicate presenters.

There is now a separate section for reporting presentations that were not published.

1. **Published peer reviewed abstracts between April 1, 2023 – March 31, 2024**
2. **Published peer reviewed posters between April 1, 2023 – March 31, 2024**

\*Titles and co-authors

1. **Published peer reviewed technical/educational exhibits between April 1, 2023 – March 31, 2024**

**DIGITAL, ONLINE, & AUDIO-VISUAL PUBLICATIONS: April 1, 2023 – March 31, 2024**

Note: Include authors, contributors, title, purpose, description, duration, medium or format, URL if available.

Note: Where appropriate, use \* to designate trainees, use ~ to designate corresponding authorship, and use ^ to indicate presenters

1. **EDITORIAL ACTIVITIES**
2. **Journal Editorships/Associate Editorships**
3. **Journal Guest Editorships**
4. **Journal Editorial Board Service**
5. **Book/Manuscript Reviews (Including book/journal title)**

LapGM: A Fast, Multi-sequence MR Bias Correction and Normalization Model, *Magnetic Resonance in Medicine*

Automatic Quantification of Enlarged Perivascular Space in Traumatic Brain Injury Patients Using Super-Resolution of T2-weighted Images, *Journal of Neurotrauma*

DeepN4: Learning N4ITK Bias Field Correction for T1-weighted Images, *Magnetic Resonance in Imaging*

Perivascular space burden and cerebrospinal fluid biomarkers in U.S. Veterans with blast-related mild traumatic brain injury, *Journal of Neurotrauma*

Tissue segmentation of Thick-Slice Fetal Brain MR Scans with Guidance from High-Quality Isotropic Volumes, *IEEE Transactions in Biomedical Engineering*

MMORF - FSL's MultiMOdal Registration Framework, *Imaging Neuroscience*

Challenges of building medical image datasets for development of deep learning software in stroke, *Scientific Reports*

Predicting Brain Age for Veterans with Traumatic Brain Injuries and Healthy Controls, *Journal of Neurotrauma*

Nested Hierarchical group-wise registration with a graph-based subgrouping strategy for efficient template construction, *Medical Image Analysis*

White matter hyperintensities and microstructural alterations in contact sport athletes from adolescence to early midlife, *Journal of Neurotrauma*

1. **RESEARCH ACTIVITIES**
   1. **Financial Resources (Grants & Contracts)**

**Note: Do not include unfunded research efforts in this section. Report UREs in #2 below.**

* + 1. **Active grants for which you are Principal Investigator, Co-Principal Investigator or site PI**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Title** | **Agency (NIH, State, Foundation, Internal, Industry)** | **Your**  **% effort** | **UVa Direct Costs** | **UVa Total Costs** | **If industry, percent of total recruitment achieved** | **Start Date** | **Expected end date** |
| Advanced Normalization Tools | NIH | 31.67% |  |  |  | 7/1/2023 | 6/30/2027 |
|  |  |  |  |  |  |  |  |

* + 1. **Active grants for which you are a Co-Investigator**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Title** | **Agency (NIH, State, Foundation, Internal, Industry)** | **PI** | **Your**  **Percent effort** | **Start Date** | **Expected end date** |
| Sexual dimorphism in susceptibility to emphysematous tissue injury | NIH | Mike Shim | 7.5 | 7/1/2023 | 6/30/2027 |
| Interpretable, subject specific-mapping of neurological health in the performance setting | DOD/ONR | James Stone | 15 | 4/1/2023 | 3/31/2025 |
| Personalized Profiles of Pathology in Pediatric Traumatic Brain Injury | NIH | Emily Dennis, University of Utah | 15 | 1/12022 | 9/30/2026 |
| Elucidating the role of increased neuroinflammation and related structural and functional neurological sequelae after exposure to repetitive blast | CDMRP | James Stone | 5 | 9/30/2022 | 9/29/2026 |

**c. Grants submitted (list as PI, co-PI, site PI, or co-I) between April 1, 2023 – March 31, 2024**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Proposal Title** | **Your Role:**  ***PI***  ***Co-PI***  ***Site PI***  ***Co-I*** | **Agency (NIH, State, Foundation,**  **Internal, Industry)** | **Submission Date** | **Approximate Date of Review** | **Result of Review: *Funded,***  ***Pending funding, Not funded, Pending review*** | **NIH only**  **Priority Score/ percentile, or date of review** | **UVa Direct Costs** | **Your % Effort** |
| Development of State-of-the-Art Software Tools for Processing Multimodal Medical Images of Healthy and Diseased Human Feet | Co-I | NIH/Augusta Univ. |  |  |  |  |  | 20 |
| Development of Advanced Software Tools for Processing Multimodal Medical Images of Healthy and Diseased Adult Human Hands | Co-I | NIH/Augusta Univ. |  |  |  |  |  | 20 |
| Developing Hyperpolarized Gas MRI signatures to detect and manage acute cellular rejection | Co-I | NIH |  |  |  |  |  | 28.3 |
| Virginia Alzheimer's Disease Center (VADC) | Co-I | NIH |  |  |  |  |  | 5 |
| Multi-omic Characterization of COPD in Females | Co-I | NIH/Penn State Univ |  |  |  |  |  | 2.5 |
| Dissolved Phase Hyperpolarized Xenon-129 MRI: a novel biomarker to quantify pulmonary pathology in young healthy e-cigarette users | Co-I | NIH |  |  |  |  |  | 4 |
|  |  |  |  |  |  |  |  |  |

* 1. **Active Unfunded Research Efforts**
  2. **Areas of Research Interest**
  3. **Research Collaboration/Team Science (Grants, papers, or other collaborations with faculty from other departments or UVA schools)**

*Title, Dates, % effort, current year direct costs, current year indirect costs, funding organization or publication name*

1. **Current Projects/Programs (Including new research programs or expansion of current research programs)**
2. **Research Operations Enhancements**
3. **Inventions: April 1, 2023 – March 31, 2024**
   1. **Issued Patents**
   2. **Full Patent Applications Filed**
   3. **Provisional Patent Applications Filed**
   4. **Disclosed Inventions**
4. **Registerd Copyrighted Materials: April 1, 2023 – March 31, 2024**
5. **Licensing Activity: April 1, 2023 – March 31, 2024**
6. **Other, Not Included Above**
7. **\_\_\_\_\_\_\_\_# of Patients Involved in Clinical Trials**
8. **\_\_\_\_\_\_\_\_# of Investigator Initiated Clinical Trials**
9. **PEER REVIEWED SCIENTIFIC PRESENTATIONS**

**April 1, 2023 – March 31, 2024**

Note: Where appropriate, use \* to designate trainees and use ^ to indicate presenters

1. **Scientific Abstract Presentations**
2. **Poster Presentations**
3. **Technical/Educational Exhibit Presentations**
4. **VISITING PROFESSORSHIPS & INVITED ROLES**

**(Grand Rounds, Invited Lectures, Workshops & Other Professional Meeting Roles)**

* 1. **Visiting Professorships between April 1, 2023 – March 31, 2024**

2018- Visiting Associate Researcher University of California, Irvine

* 1. **Grand Rounds & Invited Lectures between April 1, 2023 – March 31, 2024**

\*Note: Please include both internal and external lectures and list specific talk titles and organization.

1. **Workshop/Session Presenter/Moderator/Panelist between April 1, 2023 – March 31, 2024**

An Introduction to the ANTsX ecosystem through R, Statistical Methods in Imaging, University of Minnesota.

1. **OTHER FACTORS WHICH YOU FEEL SHOULD BE CONSIDERED**

(IE. Research equipment, consignments, undergraduate education, etc.)

1. ***CLINICAL ACTIVITIES***
2. **CLINICAL SERVICES FOR WHICH YOU ARE RESPONSIBLE (April 1, 2023 – March 31, 2024)**

\*Note: Include description and % clinical effort

1. **PATIENT CARE & CLINICAL PRODUCTIVITY (April 1, 2023 – March 31, 2024)**
   1. **Work RVUs vs. AAARAD Benchmarks (%)**

*Dr. Matsumoto will share this data with you during your review. You do not need to seek and report it here.*

* 1. **Outpatient Clinic Visits**

1. **CLINICAL/OPERATIONAL ENHANCEMENTS (April 1, 2023 – March 31, 2024)**
   1. **New Clinical Programs**
   2. **Clinical Program/Service Expansion**
   3. **Operational Enhancements**
2. **MULTIDISCIPLINARY CLINICAL TUMOR BOARDS OR ROUNDS (eg. PICU):**

**April 1, 2023 – March 31, 2024** \*Note: List name and frequency

1. **CALL COVERAGE (July 1, 2023-March 31, 2024)**
2. **\_\_\_\_\_\_ Total # of Weeknights (Monday-Thursday)**
3. **\_\_\_\_\_\_ Total # of Weekends (Friday-Sunday)**
4. **Holidays** (Source: UVA Health System calendar of clinic holiday schedule)

\_\_\_\_\_\_\_ New Year’s Day

\_\_\_\_\_\_\_ Martin Luther King, Jr. Day

\_\_\_\_\_\_\_ Memorial Day

\_\_\_\_\_\_\_ Juneteenth

\_\_\_\_\_\_\_ Independence Day

\_\_\_\_\_\_\_ Labor Day

\_\_\_\_\_\_\_ Thanksgiving Day

\_\_\_\_\_\_\_ Day after Thanksgiving

\_\_\_\_\_\_\_ Christmas Day

\_\_\_\_\_\_\_ **Total # of holidays covered**

1. **CLINICAL QUALITY INITIATIVES**
   1. **Please describe your Quality Improvement (QI) project for FY21. Then, describe what QI projects you plan to do for FY22.**
   2. **Other quality projects/initiatives**
2. ***TEACHING/EDUCATIONAL ACTIVITIES***

Include Basic Science, Practice of Medicine, Clerkship, Physical Diagnosis/Tutorials; describe any new programs to which you have contributed.

1. **CLASSROOM, ONLINE, DIDACTIC LECTURE, SEMINAR, CLINICAL/CASE CONFERENCE OR TEACHING LABORATORY: April 1, 2023 – March 31, 2024**
   1. **UNDERGRADUATE, GRADUATE & POST-DOC**

\*Note: Indicate new/repeated, lecture title/topic/course number, prep time in hours, duration

* 1. **RESIDENT/FELLOW**

\*Note: Indicate new/repeated, lecture title/topic/course number, prep time in hours, duration

* 1. **OTHER AUDIENCES**

(Eg. Technologists, APPs, nurses, staff colleagues, multidisciplinary, industry, insurance companies, community, etc.) \*Note: Indicate new/repeated, lecture title/topic/course number, prep time in hours, duration.

1. **CLINICAL TEACHING (In clinic, procedure room, or reading room; at bedside or on rounds)**

**April 1, 2023 – March 31, 2024** \*Note: Indicate which location, audience type and description.

1. **CLINICAL TRAINEES**
2. **JOURNAL CLUBS LED**

\*Note: Indicate articles reviewed.

1. **CURRENT RESEARCH CONCERNING TEACHING: April 1, 2023 – March 31, 2024**
2. **DEVELOPMENT OF TEACHING CURRICULUM, RESOURCES &/OR METHODS:**

**April 1, 2023 – March 31, 2024** (Includes program development, evaluation methods or program supervision methods, other teaching materials)

1. **FORMAL STUDY TO IMPROVE TEACHING ABILITIES: April 1, 2023 – March 31, 2024**

\*Note: Indicate activity type, title/name, duration.

1. **OTHER EDUCATIONAL CONTRIBUTIONS/SERVICE NOT NOTED ELSEWHERE**
2. ***ADVISING & MENTORING/COUNSELING ACTIVITIES***
3. **FORMAL ADVISING & MENTORING ACTIVITIES: April 1, 2023 – March 31, 2024**

Including dissertation committees, graduate thesis advisory or director roles, advising/mentoring of junior faculty, peers or colleagues, etc.; please provide the below-noted data points, per advisee or project, and be sure to indicate the following advisee types where relevant:

Pre-doctoral students

Doctoral/Post-doctoral students

Post-doctoral Fellows on training grants

Post-doctoral Fellows in funded fellowships

Unfunded Post-doctoral Fellows

Medical Scientist Training Program students

Medical Student Summer Research Program students

Use these reporting fields:

**Date(s)**

**Advisee Name(s)**

**Advisee Type/Affiliation**

**Your Role**

**Activity/Project Title/Topic**

**Description**

**Outcome(s)**

1. **COUNSELING ACTIVITIES: April 1, 2023 – March 31, 2024**

Please provide the noted data points, per advisee or group topic, for those you’ve counseled, including professional colleagues, trainees, students, etc.

**Date(s)**

**Advisee Name(s)**

**Advisee Type/Affiliation**

**Your Role**

**Activity/Project Title/Topic**

**Description**

1. Were you a Summer Medical Leadership Program faculty participant during this past summer?

YES NO

If yes, please provide details of your session as appropriate:

1. ***ENDOWED PROFESSORSHIPS, HONORS, AWARDS, & RECOGNITION***

**April 1, 2023 – March 31, 2024** *\*Note: Include both major and internal – i.e. positive comments and compliments from patients, staff, referring physicians, etc.*

1. **ENDOWED PROFESSORSHIPS**
2. **NATIONAL/INTERNATIONAL HONORS/AWARDS/RECOGNITION**
3. **STATE/REGIONAL HONORS/AWARDS/RECOGNITION**
4. **LOCAL/AREA HONORS/AWARDS/RECOGNITION**
5. **INSTITUTIONAL HONORS/AWARDS/RECOGNITION**
6. **DEPARTMENTAL HONORS/AWARDS/RECOGNITION**
7. **INTERNAL RECOGNITION**

(i.e. letters of recognition from patients, referring physicians, etc.)

1. ***LEAVE TIME AWAY FROM THE DEPARTMENT***

**(July 1, 2023-March 31, 2024)**

1. **\_\_\_\_\_\_\_ Total number of academic days assigned**
2. **\_\_\_\_\_\_\_ Number of meeting/professional development days used**
3. **\_\_\_\_\_\_\_ Number of vacation days used**
4. **\_\_\_\_\_\_\_ Number of maternity/paternity leave days used**
5. **\_\_\_\_\_\_\_ Number of sick days used**

**\_\_\_\_\_\_\_ TOTAL NUMBER OF DAYS AWAY FROM THE DEPARTMENT**

1. ***PROFESSIONAL & BUSINESS DEVELOPMENT, COMMUNITY SERVICE, AND***

***CAREER ACHIEVEMENT GOALS***

1. **\_\_\_\_\_ Number of CME credits earned: April 1, 2023 – March 31, 2024**

**Requirement:** Please submit a detailed list of your CME credits to Terry Crow to include: Course name, date, and # of CMEs. Specific lecture titles are NOT required. Please contact Terry Crow for assistance. This documentation is not needed in the Chair’s Office.

1. **PROFESSIONAL DEVELOPMENT ACTIVITIES**

Eg. Leadership in Academic Matters [LAM] or other leadership training, Promotion & Tenure Sessions, department development or institutional lectures

1. **RELEVANT COMMUNITY SERVICE**

Eg. Miscellaneous activities that have enhanced your professional development or the growth, improvement and/or visibility of the department, such as volunteer work at the Free Clinic, Day of Caring, community service, diversity initiatives, Albemarle Medical Society, Radiology interest groups, etc.

Use these reporting fields:

**Activity Name**

**Duration**

**Frequency**

1. **BUSINESS DEVELOPMENT**

\* Include purpose, description, new revenues, and ROI

1. **ACHIEVEMENTS AND GOALS**
   1. **Briefly describe what you consider your major achievements this year:**

* Collaboration with Penn State for ANTsX development targeting mouse brain applications.
* ANTsX mouse cortical thickness pipeline.
* Velocity flow model for longitudinal data.
  1. **Goals: List at least three professional/academic goals for the coming year:**

**Goal 1:** Nature paper for mouse work with Penn State.

**Goal 2:** Development of DeepSiMLR with Brian Avants.

**Goal 3:** Give 2-3 ANTsX tutorials at other institutions.

* 1. **Describe your 3-5 year goals, and describe what steps you will take this year towards achieving these goals:**

I have both on-grounds and off-grounds collaborators with whom I will continue to work towards papers, grants, etc.

* 1. **How can the department help you succeed in achieving the goals you described in items 2 & 3 above?**

The current support provided and the ability to telecommute is sufficient.

* 1. **Additional comments:**

1. ***COMMENTS FROM THE CHAIR***
2. ***ACKNOWLEDGMENT***

Your signature indicates your acknowledgement of having discussed your annual review and teaching evaluations with the Department Chair.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature: Faculty Member Date of Review

***(Leave blank until your meeting)***

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature: Department Chair Date of Review