

SCHOLARLY ACTIVITY IN THE HONORHEALTH THOMPSON PEAK DERMATOLOGY RESIDENCY PROGRAM

2019-2020 EXECUTIVE SUMMARY

Overview

Clinical training focused on medical knowledge alone is not sufficient to prepare Dermatology residents for the practice of medicine. As part of improving their patient care, residents must be well-versed in inquiry: research, quality improvement, leveraging human and electronic resources, and applying research findings to improve patient care.

The Scholarly Activity Program (SAP) for Dermatology provides residents with a strong foundational skillset, ensuring their effectiveness in evaluating the care of the patient in terms of best practices and their proficiency in critical appraisal of peer-reviewed literature, which will help residents develop a pattern of lifelong learning habits. Residents learn the basic principles of how research and Quality Improvement (QI) is conducted, evaluated, explained to patients, and applied to their patients' care. The Scholarly Activity Program is designed to fulfill the residency program's Practice-Based Learning goals. Scholarly activities of residents and faculty are documented and assessed regularly as part of the Dermatology Program evaluation and through the annual Faculty and Residents Survey.

This executive summary is organized into three parts. In Part I, scholarly activity processes and structures are identified and described. Part II provides details regarding resources in place to support scholarly research activities. Part III includes a list of recent faculty and resident activities.

PART I – Processes for Scholarly Activity & Research

The Scholarly Activity Program is administered through a variety of teaching strategies, including regular instruction through didactics sessions, engaged participation in QI or research projects, journal club, and presentations at residency-based conferences (Grand Rounds, M&M, etc). Residents are also required to regularly submit scientific abstracts, posters and/or manuscripts to professional associations and publishers with the intent to present at conferences or publish in peer-reviewed journals. The sections below provide further details for each type of scholarly activity.

Community Service & Education

Residents are required to participate in community events focused on delivering medical care to under-served or impoverished areas of the population. Tracking and recording of these efforts is required.

Community service activities for residents:

- Public health presentations (skin cancer awareness and prevention) to businesses, living facilities and schools throughout the valley
- 1-hour credit for each hour of doing skin screenings (senior care organizations, retirement communities, local employers, health fairs, races and other venues)
- Volunteer time for non-profit health agencies (Arizona Skin Cancer Foundation, Cancer Society, etc) – 1-hour credit for each hour worked.
- Volunteer work with Church and/or Youth Groups – 1-hour credit for each hour worked.
- Other volunteer work for credit must be approved in advance by the Program Director.

Journal Club

Journal club is designed to expand skills in appraisal and assimilation of evidence from scientific studies. It is a monthly, resident-led, interactive session under the supervision of Core Faculty and faculty members with content expertise relevant to the topics chosen for presentation. Reading assignments and participation are mandatory. Journal club activities are intended to assist residents in critically analyzing their own care against the most up-to-date information on diagnosis and treatment effectiveness.

Morbidity and Mortality Conference

Residents participate in interprofessional review of patient complications and discussion of action steps to prevent similar events in the future. Cases can include unexpected deaths, delay in care or diagnosis, procedural complication, avoidable medical events such as CAUTI or falls, or near miss events such as medication errors, lab events or errors, or failure to act. When appropriate Root Cause Analysis (RCA) is included as part of the discussion. During each session, the goals, guiding principles and privileged nature of the discussion and materials are introduced. Sessions are directed and supervised by a Board-Certified physician and focus is on education and potential patient care or system improvement. The discussion is summarized, and a list of action items or best practices may be developed.

National and Local Conference Presentations

Residents are expected to present a scholarly research project at a local, regional and/or national meeting. Presentations may include a published work, poster and/or podium presentation representing a research project completed during their Dermatology residency. Presentations will be prepared under supervision of residency faculty and/or physician researcher.

Residents' scholarly projects are frequently submitted to the annual "Academic Excellence Day", sponsored by the University of Arizona, College of Medicine Phoenix, which is designed for residents and fellows and includes poster and oral presentations of case reports and research projects. Selection of showcased projects is through a competitive abstract selection process overseen by the ResQIPS Director and her team. Those selected compete in a poster and or/oral presentation competition that is judged by UA-College of Medicine faculty and invited GME faculty from various organizations.

Quality Projects & Teams

All residents are required to participate in a quality team and/or a quality improvement project within the base hospital institution. Residents complete CITI human subject protections training at the start of their residency and are trained regarding the organization's policies and processes for reporting medical errors and near misses. The quality projects focus on quality measures, patient safety, efficient workflows, improved patient outcomes, or risk management.

Noon Conferences and Grand Rounds

Noon conferences are delivered by faculty and other clinical and non-clinical content experts. This series groups learning in both general medicine and in medical subspecialties to provide continuity of learning throughout the resident's training.

Noon conferences and HonorHealth Grand Rounds (IM, FM, etc) include a series of Resident Conferences, giving PGY2 and PGY3 residents an opportunity to present clinical topics. Residents may also have opportunity to present at the residency offerings for Grand Rounds as part of their external rotations (PCH, Mayo Clinic, etc)

In November 2019, the Dermatology Residency program received approval to begin an HonorHealth Dermatology Grand Rounds program for continuing medical education credit that will be open to clinicians across the system. Topics will be presented by residents and faculty of the program.

Faculty Research and Scholarly Activity

Dermatology faculty are required to demonstrate involvement in resident scholarly activity by providing guidance and support to residents and participating in clinical discussions and conferences. Faculty are responsible for committing and scheduling a portion of their time to supporting the scholarly activities of residents. During such time, faculty may provide direct consultation and advisement on scholarly topics, the research process, or provide ongoing guidance throughout a project's entire timeline. Faculty also select peer-reviewed and clinically significant research articles for residents to review, appraise and present during journal club activities.

Faculty are also responsible for the development and implementation of their own scholarly activities in order to expand their own knowledge base and contribute to the body of literature in their specialties. To foster faculty interest and engagement in research, HonorHealth offers a faculty development series as well as workshops provided through the ResQIPS program (see below). In addition, teaching faculty will be required to participate in clinical discussions and conferences along with on-site faculty development and training. All faculty will be encouraged to participate in national and regional professional organizations.

ResQIPS Curriculum and Workshop Series

HonorHealth has developed an innovative framework and curriculum called ResQIPS (Research, Quality Improvement and Patient Safety), linking education and support on research and QI/PS activities to scholarship, and with the intent of increasing scholarly projects and improving outcomes. ResQIPS is designed to support the advancement of research, quality improvement and scholarship for the network's medical residency and fellowship programs and, more broadly, across multiple disciplines in the network. The ResQIPS learning objectives are as follows:

- Design a significant clinical question that aligns with the ResQIPS Framework
- Describe the steps involved in conducting investigator-initiated human subject research & prepare for IRB application submission
- Use Quality data and tools to support practice or improvement initiatives
- Describe methodology and design considerations for QI and Research projects
- Identify tools, resources and mentors needed to support research activities
- Develop a scholarly project
- Collect and analyze data
- Disseminate findings through local, regional or national presentations and/or through peer-reviewed journal article publication

ResQIPS didactic initiatives include grand rounds presentations, faculty development sessions, workshops. 'snippet sessions' (short, 15-minute presentations on a research topic of interest), ResQIPS

newsletters, 1:1 mentoring sessions, and statistical consultations. Fellowship/Residency, Faculty and IPE projects are showcased to the organization in poster and presentation sessions annually.

Scholarly Research Project

All residents receive didactic training from research faculty on research methodology, study design, biostatistics, appraisal and application of evidence-based medicine, ethics in the context of research, developing research questions, and disseminating and presenting results of research projects. Residents also attend HonorHealth's Research, Quality Improvement and Patient Safety sessions (ResQIPS) which are collaborative, interprofessional events planned by Academic Affairs, Quality, HonorHealth Research Institute, Center for Clinical Excellence and Library Services. Academic Affairs also subscribes to IHI Open School which offers QI and Patient Safety modules to the residents. Residents are encouraged to complete these modules during their residency and may be assigned one or more modules for completion as part of their didactics requirements, especially if deemed relevant to implementation of their scholarly project.

SCHOLARLY RESEARCH PROJECT Residents are required to be actively working on a QI or research project throughout residency with the goal to complete a scholarly research project annually. Projects must be reviewed and discussed with the program director, mentor/advisor, ResQIPS Program Director or a faculty advisor. Appropriate timelines will be determined in order to complete QI project or research. Program Directors will not sign off on promotion and/or program graduation if QI or research projects are incomplete.

In-house active research projects include:

- Tissue bank collection for melanoma, squamous cell carcinoma and basal cell carcinoma tumors.
- Genomic studies in patients at high risk for melanoma and other cancers.
- Survey studies.

More research projects and funding are being developed as the program continues to grow.

Residents As Teachers

Residents have multiple opportunities to practice and develop their teaching skills. In addition to the teaching demands required from daily interaction with patients, families, and other health care professionals, residents participate in leading interactive didactic sessions such as Grand Rounds or teaching a didactic session for one of the GME Residency Programs. Additionally, faculty model and mentor teaching skills on clinical rounds, in didactic sessions, through committee work, and in nearly all aspects of clinical practice for which they provide supervision. Residents have numerous opportunities to teach and counsel patients. These interactions are frequently supervised by faculty, offering opportunities for feedback and improvement. As residents advance, they are expected to take on a greater teaching role, including teaching more junior residents and leading in interactive didactic sessions.

Multiple tools are utilized to assess and provide feedback for improvement on skills at educating patients, families, students, and peers. Faculty provide daily, face-to-face feedback on resident teaching and counseling skills. Residents incorporate this real-time feedback into their daily practice. At the conclusion of each rotation, residents are evaluated by faculty in the six ACGME competencies, including issues relevant to their teaching performance. Residents review these evaluations at the end of each rotation. Medical students complete an evaluation form of residents involved in their instruction. Resident peers are periodically called upon to evaluate each other. Teaching skills are included in this assessment. Finally, the faculty advisors and Program Director provide a semiannual Milestone review at which feedback from all these sources is provided. Residents utilize this feedback to improve upon their teaching skills.

PART II - Resources for Scholarly Activity & Research

Dermatology Residency Program Resources

The Dermatology Residency Program provides access to HonorHealth resources and dermatology-specific resources including the “Landmarks in Cutaneous Biology” series from the Journal of Investigative Dermatology.

Other program-specific resources include a Dermatology Residency Resource Guide, (<https://azhin.org/honorhealth/resderm>), tailored to the program, and which includes specialty e-journals and ebooks, videos and podcasts, links to professional organizations, and other dermatology resources housed together in one guide for ease of access.

Residents are also required to attend the American Academy of Dermatology’s Basic Science course at the annual meeting at least once during residency.

See Appendix A for additional information of how these resources are incorporated in didactic schedule

HonorHealth Library Resources

ACCESSIBILITY HonorHealth Osborn Medical Center, Shea Medical Center and John C Lincoln Medical Center libraries provide 24/7 access to single workstations as well as meeting/collaboration space. In 2021 at Thompson Peak Medical Center, a physical library site will be incorporated into a new Learning and Simulation Center at that campus. The libraries also maintain a Web-based library portal which is available on-site through the employee intranet and off-site through Athens (authentication software). Librarians provide mobile app support for several key resources:

- UpToDate clinical decision support system
- Elsevier’s ClinicalKey resource which contains the FirstConsult clinical decision support system along with thousands of high-impact electronic textbooks and journals, practice guidelines, over 340 procedure/skills videos, image library and PresentationMaker component to support presentations
- Micromedex drug information, IV compatibilities, drug/herbal/food interactions, other pharmaceutical tools & calculators; also includes Pediatric Essentials & NeoFax Essentials

LIBRARIAN SUPPORT A wide range of library services are provided by the HonorHealth librarian team, which consists of 4.0 FTE American Library Association accredited medical librarians. Outside of physically staffed hours at each location, librarians can be emailed or contacted by phone at the health science library locations.

Personalized services available at HonorHealth libraries include:

- Mediated (librarian-assisted) literature searching using databases and search engines that access published and unpublished evidence (results delivered with 48 hours of receiving request)
- Mediated “state of the science” literature reviews, including a synopsis of findings and critical appraisal of the literature, to support patient care needs
- Mediated searching for acute & chronic disease management and general health & wellness information for patients & families (results delivered within 48 hours of receiving request)
- Research consultations, including research question brainstorming and development using the PICOT algorithm, identification of appropriate resources for searching, search strategy development and database manipulation guidance
- Citation management, presentation and publishing support, including identification of appropriate journals to consider for submission and formatting, reference lists and footnoting support according to publisher’s instructions for authors.
- Document retrieval & delivery (delivery frequently same-day, otherwise 1-3 days of receiving request)
- One-on-one and small group training on all library databases & tools, ranging from quick overviews of resources & research tools to advanced/expert search strategy training
- Technical assistance and training for the UpToDate clinical decision website and mobile app, the ClinicalKey site and mobile app, and the Micromedex suite and mobile apps.
- Meeting and collaboration space which includes a large conference table with electrical outlets
- Provision of reliable, easy-to-read, evidence-based consumer health & wellness resources for patients & families as well as for residents & faculty as they communicate with and educate their patients
- Health literacy consultation services, including review of proposed patient education & discharge instructions and recommendations to improve readability and comprehension, which improves patient outcomes overall and reduces hospital readmissions

CONTENT HonorHealth Library Services provide access to numerous print & electronic resources. Many have been acquired through membership to the Arizona Health Information Network (AZHIN), a statewide consortium uniting communication technology and resource access in the Arizona health care and health education communities. Other resources are acquired through Library Service’s operation budget and HonorHealth Foundation funding. Resources include:

- Evidence-based medicine (Cochrane Library, Access Medicine, UpToDate, FirstConsult)
- Journal literature databases (PubMed, Ovid Medline, Ebsco Medline with Full Text, CINAHL Complete, Health Business Elite)
- Research and scholarly project tools (research instruments/scales, theses/dissertations)
- Faculty resources (ProceduresConsult, Teacher Reference Center)
- eBooks, Full-text (ClinicalKey, Access Medicine and EM, TDS (formerly STAT!Ref), Ovid Books)
- eJournals, Full-text (JAMA and JAMA Archives, Lancet, NEJM, and thousands more through Medline

with Full Text, CINAHL Complete, ClinicalKey and other database collections)

- Drug information (Micromedex and Lexi-Comp via UpToDate)

See Appendix B for detailed descriptions of these resources.

HonorHealth Research Institute

The HonorHealth Research Institute (HRI) provides both institutional and scientific review for all research activities at the organization, including the scholarly projects of residents and faculty. All research performed at HonorHealth is based on scientific principles and carried out using the highest quality standards. The HRI assists in setting the standard for excellence in personalized healthcare by developing a culture of inquisitiveness, leading to the provision of the best evidence-based medicine to patients and the community. HRI provides the following:

- research administration staff responsible for ensuring that all research performed at HonorHealth is in compliance with relevant state and Federal requirements and that it fulfills the HonorHealth mission;
- documentation to guide researchers through the process of both investigator- and sponsor-initiated studies;
- guidance on scientific and institutional review board submissions;
- access to human subject protections training;
- access to local resources, including statisticians and other personnel experienced in research;
- Office of Sponsored Programs (OSP), which is responsible for supporting researchers in the identification and submission of grants.

PART III – INVENTORY OF SCHOLARLY ACTIVITIES

Resident Activities

COMMUNITY SERVICE

Trainee Name	PGY Year	Scholarly Project Title	Completion Date
Sledge, B.	PGY1	Skin Cancer Screening, CORE Football, Phoenix, AZ.	2/29/20
Sledge, B.	PGY1	Skin Cancer Screening, CAP, Phoenix AZ	2/27/20
Sledge, B.	PGY1	Skin Cancer Screening, Verizon, Phoenix, AZ	2/26/20
Manway, M	PGY3	Medical Explorers Club. Thompson Peak HonorHealth, Scottsdale, AZ.	2/6/20
Sledge, B.	PGY1	Skin Cancer Screening, Midwestern University Opportunity Days, Glendale, AZ.	01/31/20
Manway, M	PGY3	Skin Cancer Screening, Shangri – La Ranch. New River, AZ	1/11/20
Shedlofsky, L.	PGY1	Skin Cancer Screening, IRIS, Phoenix, AZ	12/6/19
Shedlofsky, L.	PGY1	Skin Cancer Screening, AT Still University, Mesa, AZ	12/4/19
Shedlofsky, L.	PGY1	Skin Cancer Screening, Southwest Airlines, Phoenix, AZ	11/5/19
Sledge, B.	PGY1	Skin Cancer Screening, AZ Diamondbacks, Phoenix, AZ	11/5/19
Sledge, B.	PGY1	Skin Cancer Screening, UPS, Phoenix, AZ	11/2/19
Sledge, B.	PGY1	Skin Cancer Screening, Optum Care, Phoenix, AZ	10/25/19
Sledge, B.	PGY1	Skin Cancer Screening, AXA XL, Scottsdale, AZ	10/24/19
Newman, A.	PGY3	Skin cancer Screening, Midwestern University Opportunity Days, Glendale, AZ	10/2/19
Sledge, B.	PGY1	Skin Cancer Screening, Deer Valley Unified School, Phoenix, AZ	10/18/19
Sledge, B.	PGY1	Skin Cancer Screening, Scottsdale Shadows, Scottsdale, AZ	10/17/19
Sledge, B.	PGY1	Skin Cancer Screening, TurbineAero, Chandler, AZ	10/11/19
Shedlofsky, L.	PGY1	Opportunities Days, Deer Valley Breast Cancer Conference, Phoenix, AZ	10/10/19
Manway, M	PGY3	Skin Cancer Screening, Health Fair. Phoenix AZ	10/9/19

Shedlofsky, L.	PGY1	Skin Cancer Screening, Dysart School, Surprise, AZ	10/3/19
Shedlofsky, L.	PGY1	Skin Cancer Screening, City of Buckeye Skin Screening, Buckeye, AZ	10/2/19
Sledge, B.	PGY1	Skin Cancer Screening, Fennemore Craig, Phoenix, AZ	10/1/19
Shedlofsky, L.	PGY1	Skin Cancer Screening, CORE Football, Phoenix, AZ	9/14/19
Mullen, H.	PGY2	Skin Cancer Screening, Shangri – La Ranch. New River, AZ	9/14/19
Sledge, B.	PGY1	Skin Cancer Screening, Scottsdale Christian Wellness Fair, Scottsdale, AZ	8/13/19
Mullen, H.	PGY2	Skin Cancer Screening, Scottsdale Christian Wellness Fair, Scottsdale, AZ	8/13/19
Manway, M	PGY3	Skin Cancer Screening All Saints Episcopal Day School, Phoenix, AZ	8/9/19
Shedlofsky, L.	PGY1	Skin Cancer Screening, All Saints Episcopal Day School, Phoenix, AZ	8/9/19
Newman, A.	PGY3	Skin cancer Screening, SportsME, Phoenix, AZ	7/15/19

PUBLISHED JOURNAL ARTICLE/ABSTRACT/SUBMITTED MANUSCRIPT

Trainee Name	PGY Year	Scholarly Project Title	Completion Date
Shedlofsky, L.	PGY1	Krispisky A, Shedlofsky L, Kaffenberger B. “The frequency of low-risk morbilliform drug eruptions observed in patients treated with different classes of antibiotics”. International Journal of Dermatology 2020 Jun;59(6):647-655. PMID: 31681983	06/2020
Newman, A.	PGY3	Ambur, A. B., Newman, A., Barr, J., & Lam, T. “Persistent Chloracne in a Tank Mechanic”. SKIN The Journal of Cutaneous Medicine 2020, 4(3), 265-267.	05/08/20
Shedlofsky, L.	PGY1	Shedlofsky, L. Sledge, B. Protocol: “Internal Auditing of Melanoma Cases at Affiliated Dermatology”. April 27, 2020.	4/27/20
Sledge, B.	PGY1	Sledge, B. “Angiolymphoid Hyperplasia with Eosinophilia: many syllables, many unanswered questions”. April 19, 2020.	4/19/20
Newman, A.	PGY3	Michael, M., Newman, A., Barr, J., & Lam, T. “Dermatitis Artefacta Resembling Pyoderma Gangrenosum”. SKIN The Journal of Cutaneous Medicine 2020, 4(2), 156-158.	03/08/20
Shedlofsky, L. Newman, A.	PGY1 PGY3	Ferry M, Shedlofsky L, Newman A, Mengesha Y, Blumetti B. “Tinea InVersicolor: A Rare Distribution of a Common Eruption”. Cureus 2020 Jan; 12(1): e6689. PMID: 32104626	01/2020
Shedlofsky, L.	PGY1	Shedlofsky, L. “Getting to the HAART of KS”. Publication submitted. (2019, Nov 26).	11/26/19

Shedlofsky, L. Newman, A	PGY3	Submitted Nov 2019: Jafri Z, Shedlofsky L, Newman A, Lam T, Mengesha Y. "A Sweet Presentation of a Bitter Disease: Acute Febrile Neutrophilic Dermatositis Associated with Coccidioidomycoses". Skin: The Journal of Cutaneous Medicine.	11/04/19
Shedlofsky, L.	PGY1	Poster Presentation: White B, Shedlofsky L, Lee J, Billiari W. "Alfa-Fetoprotein Producing Neuroendocrine Gastric Adenocarcinoma". The Florida Radiological Society, July 19-21, 2019 Conference	07/19

PATIENT EDUCATION BLOGPOST/NEWSLETTER

Trainee Name	PGY Year	Scholarly Project Title	Completion Date
Newman, A	PGY3	"Hand Dermatitis During COVID-19 Pandemic" HonorHealth Wellness Newsletter. March 25, 2020	3/25/20
Newman, A	PGY3	"The Keto Diet Rash". Affiliated Dermatology Blog. March 2020	03/03/20
Newman, A.	PGY3	"Care coordination key for patient with skin cancer near the eye". EyeWorld. January – February 2020 https://www.eyeworld.org/care-coordination-key-patients-skin-cancer-near-eye	01/10/20
Newman, A	PGY3	"Periocular Skin Cancer". EyeWorld. September 2019	09/2019
Mullen, H.	PGY2	"6 Reasons Why Your SPF Isn't Working". The Klog. July 2, 2019 https://theklog.co/sunscreen-not-working/	07/03/19

PRESENTATION/POSTER/ABSTRACT

Trainee Name	PGY Year	Scholarly Project Title	Completion Date
Sledge, B.	PGY1	Presentation: Sledge, B. National Laster Institute Monthly Lecture. Scottsdale, AZ June 26, 2020	6/26/20
Sledge, B.	PGY1	Presentation: Sledge, B. National Laster Institute Monthly Lecture. Scottsdale, AZ June 12, 2020	6/12/20
Mullen, H.	PGY2	Presentation: Mullen, H. "Skin Cancer". National Laser Institute Monthly Lecture. Scottsdale, AZ April 24, 2020.	4/24/20
Shedlofsky L.	PGY1	Presentation: Shedlofsky, L. "Genodermatoses" Didactics Presentation. April 20, 2020	4/20/20
Mullen, H.	PGY2	Mullen, H. "Skin Cancer". National Laser Institute Monthly Lecture. Scottsdale, AZ. April 15, 2020.	4/15/20
Shedlofsky L.	PGY1	Poster Presentation: Miranda-Cacdac L, Shedlofsky L. "Sneddon Wilkinson Disease: A Case Report Contributing to the Elucidation of a Rare Disease". Arizona Osteopathic Medical Association. Phoenix, AZ. April 4, 2020.	04/04/20

Shedlofsky L.	PGY1	Poster Presentation: Alakan C, Shedlofsky L, LaCorte M. "Don't Put Your Foot in your Mouth When it Comes to Hand, Foot, and Mouth Disease". Arizona Osteopathic Medical Association. Phoenix, AZ. April 4, 2020.	04/04/20
Manway, M	PGY3	Presentation: "SJS/TEN" HonorHealth Internal Medicine Grand Rounds. Scottsdale, AZ. April 3, 2020	4/3/20
Mullen, H.	PGY2	Poster Presentation: Mullen, H. "30 Year Neglected Basal Cell Carcinoma". HonorHealth, Scottsdale, AZ. March 30, 2020	3/30/20
Manway, M	PGY3	Presentation: Manway, M. National Laser Institute Monthly Lecture. Scottsdale, AZ March 27, 2020.	3/27/20
Shedlofsky L.	PGY1	Presentation: Shedlofsky, L. Noon Conference. February 24, 2020	2/24/20
Mullen, H.	PGY2	Presentation: Mullen, H. "Skin Cancer". National Laser Institute Monthly Lecture. Scottsdale, AZ February 20, 2020.	2/20/20
Sledge, B.	PGY1	Presentation: Sledge, B. Mayo Grand Rounds. Phoenix, AZ February 19, 2020	2/19/20
Mullen, H.	PGY2	Presentation: Mullen, H. "Skin Cancer". National Laser Institute Monthly Lecture. Scottsdale, AZ January 20, 2020.	1/20/20
Sledge, B.	PGY1	Presentation: Sledge, B. Mayo Grand Rounds. January 15, 2020	1/15/20
Sledge, B.	PGY1	Presentation: Sledge, B. Mayo Grand Rounds. Phoenix, AZ. December 18, 2019	12/18/19
Newman, A.	PGY3	Presentation: Sledge, B. "Dermatology Access for Patients". Mayo Grand Rounds. Phoenix, AZ. December 18, 2019	12/18/19
Mullen, H.	PGY2	Presentation: Mullen, H. "Common Skin Lesions". National Laser Institute Monthly Lecture. Scottsdale, AZ. December 13, 2019.	12/13/19
Mullen, H.	PGY2	Presentation: Mullen, H. "Common Skin Lesions". National Laser Institute Monthly Lecture. Scottsdale, AZ. November 22, 2019.	11/22/19
Shedlofsky L.	PGY1	Presentation: Shedlofsky, L. "Morphology for Internal Medicine" Noon Conference. Scottsdale, AZ. November 21, 2019	11/21/19
Sledge, B.	PGY1	Presentation: Sledge, B. Mayo Grand Rounds. Phoenix, AZ. November 20, 2019	11/20/19
Newman, A.	PGY3	Presentation: Newman, A. "Calciophylaxis". Mayo Grand Rounds. Phoenix, AZ. November 13, 2019	11/13/19
Newman, A.	PGY3	Presentation: Newman, A. "Dermatology Career". Midwestern University Dermatology Club Talk. Phoenix, AZ. November 8, 2019	11/8/19
Newman, A	PGY3	Presentation: Newman, A. "Dermatology for Primary care". CMEC Meeting, HonorHealth TPK Medical Center, Scottsdale AZ October 21, 2019	10/21/19
Newman, A	PGY3	Presentation: Newman, A. "Empathy" CANDOR Training. HonorHealth, Scottsdale, AZ. October 21, 2019	10/21/19
Newman, A.	PGY3	Presentation: Newman, A. "Medication reactions: The Newer Agents". Mayo Grand Rounds. Phoenix, AZ. October 16, 2019	10/16/19
Sledge, B.	PGY1	Presentation: Sledge, B. Mayo Grand Rounds. Phoenix, AZ. October 16, 2019	10/16/19
Newman, A.	PGY3	Presentation: Newman, "A. Journal Review– Plastics." HonorHealth, Scottsdale AZ October 8, 2019	10/8/19
Newman, A	PGY3	Presentation: Newman, A. "Residency Programs at HonorHealth". Clerkship Open House. HonorHealth. Scottsdale, AZ. October 1, 2019.	10/1/19

Manway, M.	PGY1	Television Presentation: Manway, M. TV Spot, 3TV. September 30, 2019	9/30/19
Mullen, H.	PGY2	Presentation: Mullen, H. National Laser Institute Lecture Series. Scottsdale, AZ. September 20, 2019	9/20/19
Sledge, B.	PGY1	Presentation: Sledge, B. Sledge, B. "Patient XXX" M&M. HonorHealth, Scottsdale, AZ. September 11, 2019	9/11/19
Sledge, B.	PGY1	Presentation: Sledge, B. "Mycophenolate Mofetil and Mycophenolic Acid". Wolverton Lecture. September 9, 2019	9/9/19
Newman, A	PGY3	Presentation: Newman, A. "HonorHealth Residency Programs" ResQIPS HonorHealth, Scottsdale, AZ. September 5, 2019	9/5/19
Newman, A.	PGY3	Presentation: Newman, A. "Patient XXX" M&M. HonorHealth, Scottsdale, AZ. September 4, 2019	9/4/19
Newman, A.	PGY3	Presentation: Newman, A. Allergy Seminar for PA/NPs. August 28, 2019 HonorHealth, Scottsdale AZ	8/29/19
Mullen, H.	PGY2	Presentation: Mullen, H. "MM and NMSC". National Laser Institute Monthly Lecture. Scottsdale, AZ. August 23, 2019.	8/23/19
Sledge, B.	PGY1	Presentation: Sledge, B. Mayo Grand Rounds. Phoenix, AZ. August 21, 2019	8/21/19
Mullen, H.	PGY2	Presentation: Mullen, H. Pacific Dermatology Association. Scottsdale, AZ. August 14, 2019	8/14/19
Manway, M.	PGY3	Television Presentation: Manway, M. TV Spot, CBS 5. August 6, 2019	8/6/19
Newman, A.	PGY3	Presentation: Newman, A. "Interesting Cases/Skin Cancer". Internal Grand Rounds. HonorHealth, Scottsdale, AZ. August 3, 2019	8/3/19
Manway, M.	PGY3	Television Presentation: TV Spot, 3TV. July 27, 2019	7/27/19
Mullen, H.	PGY2	Presentation: Mullen, H. "Common Skin Lesions". National Laser Institute Monthly Lecture. Scottsdale, AZ. July 26, 2019.	7/26/19
Sledge, B.	PGY1	Presentation: Sledge, B. "Systemic Antiviral Agents". Wolverton Lecture. July 22, 2019	7/22/19
Sledge, B.	PGY1	Presentation: Sledge, B. "Heliocare" Noon Lecture. HonorHealth, Scottsdale, AZ. July 22, 2019	7/22/19
Sledge, B.	PGY1	Presentation: Sledge, B. Mayo Grand Rounds. HonorHealth, Scottsdale, AZ. July 17, 2019	7/17/19
Mullen, H.	PGY2	Television Presentation: "Sonoran Living: Teenage Acne". ABC 15. Phoenix, AZ. July 10, 2019	7/10/19

PROFESSIONAL ACTIVITY/COMMITTEE

Trainee Name	PGY Year	Scholarly Project Title	Completion Date
Shedlofsky, L.	PGY1	Health Leadership Council, HonorHealth, Scottsdale, AZ	2019 – 2020
Sledge, B.	PGY1	ResQIPS Committee and Conference, Scottsdale, AZ	2019 – 2020
Mullen, H.	PGY2	ResQIPS Committee and Conference, Scottsdale, AZ	2019 – 2020
Newman, A.	PGY3	Health Leadership Council, Scottsdale, AZ	2019 – 2020
Manway, M	PGY3	Health Leadership Council, Scottsdale, AZ	2019 – 2020

Manway, M.	PGY3	American Society for Dermatologic Surgery	2017 - Present
Manway, M.	PGY3	American Medical Association	2015 – Present
Manway, M.	PGY3	American Osteopathic College of Dermatology	2013 – Present
Shedlofsky, L.	PGY1	Medical Dermatology Society	2016 – Present
Shedlofsky, L.	PGY1	American College of Osteopathic	2016 – Present
Shedlofsky, L.	PGY1	Collegiate Academy North Carolina Academy of Science	2008 – Present
Shedlofsky, L.	PGY1	Association of Southeastern Biologists	2008 – Present
Manway, M.	PGY3	American Osteopathic Association	2010 – Present

PUBLISHED CHAPTER/TEXTBOOK

Trainee Name	PGY Year	Scholarly Project Title	Completion Date
Mullen, H.	PGY2	Yiannias JA, Egnatios GL, Mullen HE. Contact Dermatitis. In: Bope ET, Kellerman RD, Rakel RE. Conn's Current Therapy 2021. 1st Ed. Philadelphia, PA: Saunders; Forthcoming 2020.	3/1/20
Mullen, H.	PGY2	Yiannias JA, Egnatios GL, Mullen HE. Contact Dermatitis. In: Bope ET, Kellerman RD, Rakel RE. Conn's Current Therapy 2020. 1st Ed. Philadelphia, PA: Saunders; Forthcoming 2019.	6/14/19
Mullen, H.	PGY2	Albertson S, Mullen HE, Middleton T. "Pityriasis Rubra Pilaris". In Five Minute Clinical Consult 2019. 1 st Ed. Philadelphia, PA.	2019

SCHOLARLY PROJECTS IN DEVELOPMENT

Project/Protocol	Residents (PGY)	Mentor(s)	Project Status*
Cocci Mimicking Zoster – case report writeup	Newman (PGY3)	Lam, Blumetti	4,5
AKA as a Result of Invasive BCC	Mullen (PGY2)	Blumetti	5
Resident Handbook development/revision QI	Mullen (PGY2) Sledge (PGY1), Shedlofsky (PGY1)	Egnatios	1
Triple Neurotransmitter Re-uptake inhibitor	Newman (PGY3)	Lin	3,4
Allergy in Dermatology	Newman (PGY3)	Lin Averitte	3,4
Dermatitis Artefacta Mimicking Pyoderma Gangrenosum	Newman (PGY3)	Blumetti Barr D Mullens	5
Cocci and Sweets and Tinea Inversicolor – case report writeups	Shedlofsky (PGY1), Newman (PGY3)	Mengesha Estrada Blumetti	5 (submit)
Pagetoid Reticulosis and Hemorrhagic Complications in Outpatient Dermatology – case report writeups	Manway (PGY3)	Lin Egnatios	5

Office Visit and Doc-to- Doc Protocols QI	Sledge (PGY1)	Barr Egnatios	5
Angiolymphoid Hyperplasia w/Eosinophilia	Sledge(PGY1), Newman (PGY3), Mullen(PGY2)	Mengesha, Estrada	5
Retrospective/cross-sectional studies – MM demographics, time to surgery and post-MM diagnosis follow up	Newman(PGY3), Sledlofsky(PGY1)	Attendings	4
Bullous Mastocytoses and HF -case report writeup	Mullen (PGY3)	Outside providers	5

1=Project Identified, 2=Literature review, 3=Proposal development, 4=Data collection and analysis, 5=Presentation/publication

Faculty Activities

PRESENTATION/POSTER/ABSTRACT

Faculty Name	Scholarly Project Title
Matthews, M.	Presentation: Matthews M. "Case Series Presentation Using Dehydrated Human Amnion/Chorion Membrane (dHACM)". 42 nd Boswick Symposium, Maui, HI. (January 2020)
Matthews, M.	Presentation: Matthews M, Mellon C, Helmick E, et al. "Limb Salvage Dehydrated Human Amnion/Chorion Membrane (dHACM) with Decellularized Human Extracellular Matrix (dHEM) Can Prevent Amputation". 42 nd Boswick Symposium, Maui, HI. (January 2020)
Matthews, M.	Presentation: Quan A, Hechtman A, Opie D, et al. "Leclercia adecarboxylata and Lower Extremity Necrotizing Fasciitis". Symposium for Advanced Wound Care, Las Vegas, NV. (October 2019)
Matthews, M.	Presentation: Delapena S, Spadafore P, Bollenbach S, et al. "Incontinence-Associated Dermatitis Presenting as a Chemical Burn". Symposium for Advanced Wound Care, Las Vegas, NV. (October 2019)
Estrada, S.	Oral Presentation: Estrada S, Caruso H, Covington K, et al. "The 31-gene expression profile test independently predicts risk of recurrence within histopathologic subtypes of cutaneous melanoma". The American Society of Dermatopathology Annual Meeting. (October 2019)
Estrada, S.	Poster Presentation: S. Estrada, F. Monzon, C. Cockerell. "Identification of T1 melanoma patients at low risk for a positive sentinel lymph node (SLN) using a 31-gene expression profile (31-GEP)". The American Society of Dermatopathology Annual Meeting. (October 2019)
Matthews, M.	Presentation: Thornburg D, Swanson S, Elebrashi Y, et al. "Prognostic Indicators for Upper with Lower Extremity Amputations in a Verified Burn Center". American Society of Plastic Surgery. (September 2019)
Vanig, T.	Presentation: Vanig T. "Implementation Strategies for Citywide Rapid Start Program: Collaboration among stakeholders organized by the City of Phoenix Fast Track Cities Initiatives (FTCI)" Miami and Fast Track Cities Conference 2019, London, UK. (September 9, 2019)
Vanig, T.	Oral Presentation: Vanig T. "Rapid ART Start in Newly/Previously Diagnosed HIV Treatment Naïve Patients in The City of Phoenix: Ryan White and Private Clinic Early Outcomes" Miami and Fast Track Cities Conference 2019, London, UK. (September 9, 2019)
Vanig, T.	Presentation: Vanig T. "Implementation Strategies for Citywide Rapid Start Program: Collaboration among stakeholders organized by the City of Phoenix Fast Track Cities Initiatives (FTCI)" Adherence Conference 2019. (June 17, 2019)

Estrada S, Bar, J, & Lam S.	Poster Presentation: D. Mullens, T. Lam, S. Estrada, J. Barr. "HPV-related invasive SCC on the palm of a 34-year-old healthy female". University of Arizona School of Medicine, Phoenix, AZ. (May 2019)
Estrada, S.	Presentation: Estrada S. "A presentation of my most interesting teaching cases". Affiliated Dermatology Core Faculty and Non-Physician Provider's Meeting. (January 2019)
Estrada, S.	Presentation: Estrada S. "A presentation of 20 of my most interesting cases". Affiliated Dermatology Core Faculty and Non-Physician Provider's Meeting. (July 2018)
Vanig, T.	Presentation: Vanig T. "Fast Tracking Cities' HIV responses through Retention in Care Public Health Implementation Research using a model for Evidence-Informed Decision Making in Public Health" 13 th International Conference of HIV Treatment and Prevention Adherence. Miami, FL. (June 8, 2018)
Estrada S, Barr J, Lin C, Averitte R, & Mullens D.	Poster Presentation: Mullens D, Estrada S, Barr J, et al. "A case of perforating granuloma annulare", University of Arizona Academic Excellence Day, Phoenix, AZ. (May 2, 2018)
Matthews, M.	Presentation: Matthews M. "KCI Wound VAC Therapies". Beach Gardens JFK, VA Medical Center and Baptist Medical Center, Florida. (May 2019).
Barr J, Dullens D, & Averitte R.	Poster Presentation: Mullens D, Seaton K, Hull E, et al. "Use of amniotic tissue derived allografts to promote wound closure post-Mohs micrographic surgery." Kenneth A. Suarez Research Day, Glendale, AZ. (April 2018)
Lin C, & Mullens D.	Presentation: Lin C, Mullens D. "Complex Inpatient Dermatology Cases" Grand Rounds, HonorHealth, Scottsdale AZ (April 13, 2018)
Estrada S, Barr J, Egnatios GL, Lin C, Mullens D & Averitte R.	Presentation: Mullens D, Estrada S, Barr J, et al. "A case of perforating granuloma annulare", American Osteopathic College of Dermatology Annual Meeting, West Palm Beach, FL. (March 2018)
Mullens D, Barr J.	Presentation: Mullens D, Barr J. "Comprehensive Care for Cutaneous Squamous Cell Carcinoma". Arizona State Association of Physician Assistants, Prescott, AZ (March 08, 2018)
Blumetti, B.	Presentation: Blumetti, B. "Hair Loss" Internal Medicine Residents and Fellows, HonorHealth, Scottsdale, AZ. (2018)
Estrada, S.	Presentation: Estrada S. "'What If?' A presentation of 30 of my most challenging cases." Affiliated Dermatology Core Faculty and non-provider meeting. (December 2018).
Lin, C.	Presentation: Lin C. "Malignant Melanomas (Melanoma Basics)". HonorHealth Thompson Peak Medical Center Internal Medicine Noon Conference, Scottsdale, AZ. (November 21, 2018)
Lin, C.	Presentation: Lin C. "Nonmelanoma Skin Cancers." HonorHealth Thompson Peak Medical Center Internal Medicine Core Lecture Series, Scottsdale, AZ. (November 20, 2017)
Casey, M.	Presentation: Garcia-Torres M, Casey M, Kleydman Y, et al. "Unusual Myxoid Neurofibroma with Pseudoglandular Spaces". Annual Meeting of the Society of Dermatopathology, Baltimore, MD. (October 2017)
Estrada, S.	Presentation: Estrada S. "An overview of melanoma: diagnosis and scoring." Chief Scientists Meeting, Castle Biosciences, Inc. (2017 July and 2019 January)
Lin, C.	Presentation: Lin C. "Dermatology resident case presentations" HonorHealth Thompson Peak Medical Center Internal Medicine Grand Rounds, Scottsdale, AZ. (2017, Mar 10)
Casey, M.	Presentation: Wald J, Casey M, Amin D, et al. "Lichenoid graft-versus-host disease: The case of a pityriasis rosea mimicker." Gross and Microscopic Symposium. Annual Meeting of the American Academy of Dermatology, Orlando, FL. (March 3, 2017)
Casey, M.	Presentation: Schairer D, Casey M, Amin B, et al. "Atypical Granular Cell Tumor Obscured by Osteoma Cutis". Gross and Microscopic Symposium. Annual Meeting of the American Academy of Dermatology, Orlando, FL. (March 3, 2017)

Casey, M.	Presentation: Ma M, Casey M, Birnbaum M, et al. "Development of Halo Nevi in a Lung Cancer Patient – A Novel Immune-Related Cutaneous Event from Anti-Programmed Cell Death Ligand- 1 Therapy". Gross and Microscopic Symposium. Annual Meeting of the American Academy of Dermatology, Orlando, FL. (March 3, 2017)
Lin, C	Presentation: Lin C. "Benign Skin Lesions." HonorHealth Thompson Peak Medical Center Internal Medicine Noon Conference, Scottsdale, AZ. (February 2017)
Averitte, R.	Poster Presentation: Belden S, Uppalapaiti C, Pascual A, Montgomery M, Leyva K, Hull E, Averitte R, et al. "Establishment of a Clinical-based Biorepository" AOMA Annual Convention 2017. (2017)
Lin, C	Presentation: Lin C. "Approach to Blistering Dermatoses" HonorHealth Thompson Peak Medical Center Internal Medicine Noon Conference, Scottsdale, AZ. (November 2016)
Lin, C	Presentation: Lin C. "Dermatologic Emergencies." HonorHealth Thompson Peak Medical Center Internal Medicine Core Lecture Series, Scottsdale, AZ. (November 2016)
Casey, M.	Presentation: Casey M, Teplitz E, DiCostanzo D. "A Case of EBV Associated Hydroa Vacciniforme in a 20 Year Old Female". Annual Meeting of the American Society of Dermatopathology, Chicago, IL. (October 8, 2016)
Kazi, N.	Poster & Oral Presentation: Kazi, N, Mathews-Cimino, A, Cuda, J. "Diagnostic Utility of Her2/Neu Immunohistochemistry in Differentiating Paget's Disease of the Nipple from Native Toker Cells." Dermatology Research Day, The John Hopkins Hospital, Department of Dermatology. (April 2016)
Mullens, D.	Presentation: Mullens D. "Difficult melanoma and certain nonmelanoma skin cancers". Melanoma Tumor Board, The John Hopkins Hospital, Department of Dermatology. (2015-2016)
Mullens, D.	Oral Presentation: Mullens D. "Diseases, Syndromes and Drugs, Oh My; Cutaneous Manifestations of Cardiology" OhioHealth O'Bleness Hospital Department of Cardiology; Athens, OH (2016)
Mullens, D.	Oral Presentation: "A 10-Year-Old-Male with Lichen Spinulosus and our Pedantically Erudite Past" OhioHealth O'Bleness Hospital Department of Cardiology; Athens, OH (2016)
Kazi, N.	Biweekly histopathology presentation of challenging dermatology cases. Dermatology Grand Rounds, The John Hopkins Hospital, Department of Dermatology. (2015-2016)
Price, H.	Poster Presentation: Price H, O'Haver, J. "Congenital melanocystic nevi and the experience of itch: results from a patient-based study." Society for Pediatric Dermatology, Boston MA (July 2015)
Casey, M.	Presentation: Casey M, Schatz-Siemers N, Whitaker A. "Breast Biomarkers and Time to Fixation". New York University School of Medicine Patient Safety Day, New York, NY. (May 2015)
Kazi, N.	Paper Presentation: Synder, A. et al. "Genetic Basis for Clinical Response to CTLA-4 Blockade in Melanoma." N Engl J Med 2014. Mutations and Medicine in Melanoma. (March 2015)
Mullens, D.	Oral Presentation: Mullens D. "Updates in Version 1.2016 for the NCCN Clinical Practice Guidelines in Oncology (NCCN Guidelines) for Squamous Cell Skin Cancer" OhioHealth O'Bleness Hospital Family Medicine Resident and Transitional Intern Didactics; Athens, OH. (2015)
Mullens, D.	Oral Presentation: Mullens D. "Updates in Version 2.2015 for the NCCN Clinical Practice Guidelines in Oncology (NCCN Guidelines) for Ovarian Cancer Including Fallopian Tube Cancer and Primary Peritoneal Cancer" OhioHealth O'Bleness Hospital Family Medicine Resident and Transitional Intern Didactics; Athens, OH. (2015)
Mullens, D.	Oral Presentation: Mullens D. "Intravenous Fluid Management" OhioHealth O'Bleness Hospital Family Medicine Resident and Transitional Intern Didactics; Athens, OH. (2015)
Mullens, D.	Oral Presentation: Mullens D. "Myocosis Fungoides" SJMHS Dermatology Residency Program Grand Rounds; Ann Arbor, Michigan. (2015)
Mullens, D.	Oral Presentation: Mullens D. "The Surgical Suture" NSUCOM/Largo Medical Center Dermatology Residency Program, Largo, FL. (2015)

Mullens, D.	Oral Presentation: Mullens D. "Cellulitis" VCOM/New River Dermatology Residency Program, Blacksburg, Virginia. (2015)
Kazi, N.	Poster Presentation: Kazi, N, Wang J, Olson L, Fulmer C, Magro C. "Primary Cutaneous CD4+ Small/Medium Sized Pleomorphic T Cell Lymphoma Containing Numerous CD30+ T Cells: A Distinct Variant of Indolent CD4+ T Cell Lymphoproliferative Disease." Poster #215, American Society of Dermatopathology (ASDP) 2015 Annual Meeting, San Francisco, CA. (2015)
Kazi, N.	Poster Presentation: Kazi, N, Mathews-Cimino, A, Cuda, J. "Diagnostic Utility of Her2/Neu Immunohistochemistry in Differentiating Paget's Disease of the Nipple from Native Toker Cells." Poster #335, American Society of Dermatopathology (ASDP) 2015 Annual Meeting, San Francisco, CA (2015)
Kazi, N.	Paper Presentation: Long, G. V. et al. "Combined BRAF and MEK Inhibition versus BRAF Inhibition Alone in Melanoma." N Eng J Med 2014. Combination Inhibitory Therapy for Melanoma. (October 2014)
Kazi, N.	Paper Presentation: Bald, T. et al. "Ultraviolet-radiation-induced Inflammation Promotes Angiotropism and Metastasis in Melanoma." Nature 2014. The Role of UV Radiation and Inflammation in the Metastasis of Melanoma. (May 2014)
Kazi, N.	Poster Presentation: Kazi N, Abraham R, Magro C. "Keratoderma-Like T Cells Dyscrasia: A Report of 13 Cases and its Disinfection from Mycosis Fungoides Plantaris/Palmaris." Poster Session IV: Dermatopathology #58, United States & Canadian Academy of Pathology (USCAP) 2014 Annual Meeting, San Diego, CA. (2014)
Kazi, N.	Poster Presentation: Kazi N, Magro C. "Histiocytic Sacroma: A Report of Five Cases with Primary Cutaneous Involvement." Poster Session IV: Dermatopathology #59, United States & Canadian Academy of Pathology (USCAP) 2014 Annual Meeting, San Diego, CA. (2014)
Barr J, Lin C, & Averitte R	Case Presentation: Collins, J, Duff M, Barr J, Averitte R, Lin C. "Lesions on Bilateral Legs" Dermatology Grand Rounds, American Osteopathic College of Dermatology. (Submitted August 14, 2014).
Barr J, Lin C, & Averitte R.	Poster Presentation: Collins, J., Duff, M., Barr, J., Averitte Jr., R., & Lin, C. "Elephantiasis Nostras Verrucosa." AOCD Annual Meeting, Seattle WA. (October 26-28, 2014)
Price, H.	Poster Presentation: Mitkov M, Menaspace D, O'Haver J Lynn G, Reeder D, Hogeling M, Price H. "Pediatric Melanoma: a retrospective review of 19 cases." Society for Pediatric Dermatology, Couer D'Alene ID (July 2014)
Egnatios, G	Poster Presentation: Egnatios G. "Sticks and Stones Can Break One's Bones Especially with Phosphaturic Mesenchymal Tumor." International Society of Dermatopathology, Denver, CO (March 19-20, 2014)
Mullens, D.	Oral Presentation: Mullens D. "Pilonidal Disease" Chesnee Center for Family Medicine; Chesnee, SC. (2014)
Mullens, D.	Oral Presentation: Mullens D. "Updates in Version 2.2015 for the NCCN Clinical Practice Guidelines in Oncology (NCCN Guidelines) for Melanoma and Cutaneous Pathology Reports" Spartansburg Medical Center Department for Pathology; Spartanburg, SC. (2014)

PROFESSIONAL ACTIVITY/COMMITTEE

Faculty Name	Scholarly Project Title	Completion Date
Mengesha, Y.	American Academy of Dermatology	(present)
Kazi, N.	American Academy of Dermatology	(present)
Vanig, T	American Academy of HIV Medicine	(present)
Matthews, M.	American Association for the Surgery of Trauma	(present)
Mussman, J.	American Board of Plastic Surgery – Diplomat	(present)
Matthews, M.	American Burn Association	(present)
Patel, A.	American College of Radiation Oncology	(present)

Matthews, M.	American College of Surgeons	(present)
Estreda, S.	American Medical Association	(present)
Mengesha, Y	American Medical Association	(present)
Mussman, J.	American Medical Association	(present)
Patel, A.	American Society for Clinical Oncology	(present)
Estreda, S.	American Society of Dermatopathology	(present)
Mengesha, Y.	American Society of Dermatopathology	(present)
Kazi, N.	American Society of Dermatopathology	(present)
Matthews, M.	American Society of General Surgery	(present)
Matthews, M.	American Trauma Society	(present)
Matthews, M.	Arizona Medical Association	(present)
Mussman, J.	Arizona Medical Association	(present)
Matthews, M.	Association of Military Surgeons of the United States	(present)
Kazi, N.	College of American Pathologists	(present)
Vanig, T.	Gay and Lesbian Medical Association	(present)
Vanig, T.	HIV Medical Association/Infectious Diseases of Society of America	(present)
Vanig, T.	International AIDS Society	(present)
Matthews, M.	International Society of Burn Injuries	(present)
Kazi, N.	International Society of Dermatopathology	(present)
Estreda, S.	International Society of Dermatopathology	(present)
Mengesha, Y.	International Society of Dermatopathology	(present)
Mengesha, Y.	Phoenix Dermatologic Society	(present)
Patel, A.	Radiological Society of North America	(present)
Matthews, M.	Reserve Officer's Association	(present)
Matthews, M.	Society for Critical Care Medicine	(present)
Patel, A.	American Society for Therapeutic Radiation and Oncology	(present)
Mussman, J.	American Society of Plastic Surgeons	(present)
Matthews, M.	Society of Laparoendoscopic and Robotics Surgeon	(present)
Kazi, N.	United States and Canadian Academy of Pathology	(present)
Egnatios, G	American Society for Mohs Surgery	(2017 – present)
Casey, M.	American Society of Clinical Pathology	(2017 – present)
Manway, M.	American Society of Dermatologic Surgery	(2017 – present)
Blumetti, B.	Association of Osteopathic Directors and Medical Educators	(2017 – present)
Casey, M.	International Society of Dermatopathology	(2017 – present)
Lin, C.	Principal Investigator. Protocol A-101-WART-202 at Affiliated Dermatology in Scottsdale, AZ;. A Randomized, Double-Blind, Vehicle-Controlled, Parallel Group Study of A-101 Topical Solution Applied Once a Week in Subjects.	(2017 – present)
Kazi, N.	Pathology Committee Member, 2016 Atlantic Dermatology Conference, The John Hopkins Hospital, Baltimore, MD.	(2016)
Barr, J	American Society for Dermatologic Surgery	(2016 – present)
Blumetti, B.	American Society of Mohs Surgery	(2016 – present)
Casey, M.	College of American Pathologists	(2016 – present)
Avirette, R.	Society of Investigative Dermatology	(2016 – present)
Manway, M.	American Medical Association	(2015 – present)
Casey, M.	American Society of Dermatopathology	(2015 – present)
Avirette, R.	MWU- OPTI Research Committee	(2015 – present)
Price, H.	Society for Pediatric Dermatology	(2015 – present)
Estreda, S.	Lead Investigator: Anti-PD-L1 (SP142) rabbit monoclonal primary antibody staining of non-small cell lung carcinoma.	(2014)
Estreda, S.	Lead Investigator: Anti-PD-L1 (SP142) rabbit monoclonal primary antibody staining of triple-negative breast cancer.	(2014)
Kazi, N.	Visiting Dermatopathology with Dr. Bruce Smoller, University of Rochester, Rochester, NY.	(2014)
Avirette, R.	American Telemedicine Association	(2014 – present)
Avirette, R.	Arizona Bio Industry Association	(2014 – present)

Estreda, S.	Principal Investigator for several ongoing IRB approved tissue bank-based research projects involving melanoma and non-melanoma skin cancer, Affiliated Dermatology and Affiliated Laboratories	(2014 – present)
Casey, M.	Society of Investigative Dermatology	(2014 – present)
Egnatios, G	American Society of Dermatopathology	(2013 – 2014)
Egnatios, G	American Academy of Dermatology	(2012 – present)
Price, H.	American Academy of Pediatrics	(2010 – present)
Price, H.	Arizona Dermatology and Dermatologic Surgery Society	(2010 – present)
Price, H.	Phoenix Dermatologic Society (2010 - present)	(2010 – present)
Price, H.	American Academy of Dermatology	(2009 – present)
Lin, C.	Principal Investigator. ESPRIT Registry. A 10-Year Post-Marketing Observational Registry of Humira in Adult Patients with Chronic Plaque Psoriasis. Protocol PIO-023 at Affiliated Dermatology, Scottsdale, AZ.	(2009 – present)
Price, H.	Society for Pediatric Dermatology	(2009 – present)
Egnatios, G	Maricopa County Medical Society	(2008 – present)
Lin, C.	Principal Investigator. A Multicenter Open Registry of Patients with Psoriasis Who Are Candidates for Systemic Therapy Including Biologics. Protocol C0168Z03 at Affiliated Dermatology, Scottsdale, AZ. Patients enrolled.	(2008 – present)
Blumetti, B.	Women’s Dermatologic Society	(2008 – 2015)
Blumetti, B.	American Academy of Dermatology – Graduate Member	(2007 – present)
Lam, T.	American Academy of Dermatology	(2007 – present)
Lam, T.	American Osteopathic College of Dermatology	(2007 – present)
Blumetti, B.	American Osteopathic College of Dermatology	(2007 – present)
Blumetti, B	American Society for Dermatologic Surgery	(2007 – present)
Barr, J	American Academy of Dermatology	(2006 – present)
Barr, J	American Osteopathic College of Dermatology	(2006 – present)
Lin, C.	American Society of Dermatologic Surgery	(2005 – present)
Egnatios, G	American Medical Association	(2004 – present)
Blumetti, B.	American Osteopathic Association	(2003 – present)
Lin, C	American Academy of Dermatology	(2002 – present)
Avirette, R.	American Medical Association	(2002 – present)
Lam, T.	American Osteopathic Association	(2002 – present)
Avirette, R.	American Society of Laser Medicine	(2002 – present)
Lin, C.	American Society of Mohs Surgery	(2002 – present)
Avirette, R.	American Society of Mohs Surgery	(2002 – present)
Barr, J	American Osteopathic Association	(2001 – present)
Avirette, R.	American Academy of Dermatology	(1999 – present)

PUBLISHED CHAPTER/TEXTBOOK

Faculty Name	Scholarly Project Title
Egnatios, G	Yiannias JA, Egnatios GL, Mullen HE. Contact Dermatitis. In: Bope ET, Kellerman RD, Rakel RE. Conn's Current Therapy 2020. 1st Ed. Philadelphia, PA: Saunders; Dec 2019.
Egnatios G.	Yiannias JA, Egnatios GL, Mullen HE. Contact Dermatitis. In: Bope ET, Kellerman RD, Rakel RE. Conn's Current Therapy 2019. 1st Ed. Philadelphia, PA: Saunders; Dec 2018.
Egnatios, G.	Yiannias JA, Egnatios GL. Contact Dermatitis. In: Bope ET, Kellerman RD, Rakel RE. Conn's Current Therapy 2018. 1st Ed. Philadelphia, PA: Saunders; 2017 Dec 25.
Egnatios, G.	Yiannias JA, Egnatios GL. Contact Dermatitis. In: Bope ET, Kellerman RD, Rakel RE. Conn's Current Therapy 2017. 1st Ed. Philadelphia, PA: Saunders; 2016 Dec 27.
Matthews, M.	Caruso D, Matthews M. Monitoring Endpoints of Burn Resuscitation. In: Critical Care Clinics. October 2016;32(4):525-537

Egnatios, G.	Yiannias JA, Egnatios GL. Contact Dermatitis. In: Bope ET, Kellerman RD, Rakei RE. Conn's Current Therapy 2016. 1st Ed. Philadelphia, PA: Saunders; 2015 Dec 8.
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PUBLISHED JOURNAL ARTICLE/ABSTRACT/SUBMITTED MANUSCRIPT

Faculty Name	Scholarly Project Title
Estrada S, Mullen H, Mengesha Y, Newman AJ	Sledge B, Newman AJ, Mengesha, Y, Estrada SE, Mullen H. Angiolymphoid Hyperplasia with Eosinophilia: Many Syllables, Many Unanswered Questions. Accepted for publication, Journal of Clinical and Aesthetic Dermatology, June 2020.
Matthews, M.	Matthews M, Fernandez L. "Application of a New Silicone and Arcrylic Blended Occlusive Drape (DERMATAC) in a Burn Center". Accepted to Wounds; May 2020.
Matthews, M.	Fernandez LG, Matthews MR, Lawton, S. "Intraabdominal Lavage of Hypochlorous Acid: A New paradigm for the Septix and Open Abomen". Wounds. April 2020; 32(4):107-14.
Estrada, S.	Wysong, et al. Validation of a 40-Gene Expression Profile Test to Predict Metastatic Risk in Localized High-Risk Cutaneous Squamous Cell Carcinoma. J Am Acad Dermatol. 2020 Apr 25;S0190-9622(20)30704-0
Barr J, Estrada S, & Averitte R.	Duff M, Levacy L, Barr J, Estrada S, Averitte R. "Cutaneous Myeloid Sarcoma" Journal of Clinical Pathology. Pending Publication.
Kazi, N.	Levandoski K, Girardi N, Kazi N, Loss M. "Eruptive Sebaceous Hyperplasia as a Side Effect of PO Tacrolimus in a Renal Transplant Recipient" Journal of the American Academy of Dermatology. (pending acceptance)
Kazi, N.	Kazi N, Weitz N, Yamashiro D, Lauren C. "A Case of Metastatic Poorly Differentiated Carcinoma in an Adolescent with De-Novo Germline APC Mutation and Gardner Syndrome Variant" JAMA Dermatology. (submission pending)
Kazi, N.	Kazi N, Wang J, Magro C. "Histiocytic Sarcoma: A Report of Six Cases with Primary Cutaneous Involvement" American Journal of Dermatopathology. (submission pending)
Blumetti, B. and Mengesha, Y.	Ferry M, Shedlofsky L, Newman A, Mengesha Y, Blumetti B. "Tinea In Versicolor: A Rare Distribution of a Common Eruption" Cureus 12(1): e6689. Doi: 10.7759/cureus.6689. (2020, January 17).
Matthews, M.	Fernandez LG, Matthews MR, Sabaja Alvarez P, et al. "Closed Incision Negative Pressure Therapy: Review of the Literature". Cureus. 2019; 11(7):e5183.
Matthews, M.	Kowal-Vern A, Matthews M, Richey K, et al. ""Streets of Fire": Revisited: Contact Burns". Burns and Trauma. October 2019; 7:32.
Matthews, M.	Porter J, Matthews M, Vail, S. "The Grim Reaper: Reaping Dividends from the Current Opioid Epidemic". Internet Journal of Pain, Symptom Control and Palliative Care. 2019; 12(2):1-4.
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RESIDENCY JOURNAL CLUB

Faculty Name	Scholarly Project Title	Completion Date
Newman, AJ. (resident PGY3)	Maymone M, Laughter M, Venkatesh S, et al. "Leprosy: Clinical aspects and diagnostic techniques". JAAD. 2020 Jul;83(1):1-14. Epub 2020 Mar 27. Presented at: Journal Club, HonorHealth Thompson Peak Dermatology Residency Program, Scottsdale, AZ.	06/2020
Newman, AJ. (resident PGY3)	Maymone M, Venkatesh S, Laughter M, et al. "Leprosy: treatment and management of complications". JAAD. 2020 Jul;83(1):17-30. Epub 2020 Mar 31. Presented at: Journal Club, HonorHealth Thompson Peak Dermatology Residency Program, Scottsdale, AZ.	06/2020
Mullens, D.	Chick RC, Clifton GT, Peace KM, et al. "Using Technology to Maintain the Education of Residents During the COVID-19 Pandemic". J Surg Educ. Jul-Aug 2020;77(4):729-732. Epub 2020 Apr 3. Presented at: Journal Club, HonorHealth Thompson Peak Dermatology Residency Program, Scottsdale, AZ.	05/2020
Mullens, D.	Maymone M, Greer R, Kesecker J, et al. "Premalignant and malignant oral mucosal lesions: Clinical and pathological findings". JAAD. 2019 Jul;81(1):59-71. Epub 2018 Nov 14.	05/2020

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Mullens, D.	Scott J, Bordeaux J. "A Conceptual Approach to Designing Transposition Flaps". <i>Dermatol Surg</i> . 2020 Jan;46(1):9-19. Presented at: Journal Club, HonorHealth Thompson Peak Dermatology Residency Program, Scottsdale, AZ.	01/13/20
Mullens, D.	Murphy-Chutorian B, Routt E, Vinelli G, et al. "A Systematic Review of the Treatment of Superficial Leiomyosarcoma with Mohs Micrographic Surgery". <i>Dermatol Surg</i> . 2019 Dec;45(12):1437-1441. Presented at: Journal Club, HonorHealth Thompson Peak Dermatology Residency Program, Scottsdale, AZ.	01/13/20
Blumetti, B.	Newsom E, Connolly K, Phillips W, et al. "Squamous Cell Carcinoma In Situ With Occult Invasion: A Tertiary Care Institutional Experience". <i>Dermatol Surg</i> . 2019 Nov;45(11):1345-1352. Presented at: Journal Club, HonorHealth Thompson Peak Dermatology Residency Program, Scottsdale, AZ.	12/16/19
Blumetti, B.	Gaufin et al. Cellular Dermatofibroma: Clinicopathologic Review of 218 Cases of Cellular Dermatofibroma to Determine the Clinical Recurrence Rate <i>Dermatol Surg</i> 2019 Nov;45(11):1359-1364.	12/16/19
Newman, AJ. (Resident PGY3)	Pham C, Juhasz M, Sung C, et al. "The human papillomavirus vaccine as a treatment for human papillomavirus-related dysplastic and neoplastic conditions: A literature review". <i>J AM Acad Dermatol</i> . 2020 Jan;82(1):202-212. Epub 2019 May 11. Presented at: Journal Club, HonorHealth Thompson Peak Dermatology Residency Program, Scottsdale, AZ.	10/14/19
Dr Shi	Kim, Es et al "Adalimumab: A Review in Hidradenitis Suppurativa <i>Am J Clin Dermatol</i> . 2016 Oct;17(5):545-552. Presented at: Journal Club, HonorHealth Thompson Peak Dermatology Residency Program, Scottsdale, AZ.	09/30/19
Dr. Shi	Harrow D, Green A, Mancini A, et al. "Diagnosis and Management of Infantile Hemangioma". <i>Pediatrics</i> . 2015 Oct;136(4):e1060-104. Presented at: Journal Club, HonorHealth Thompson Peak Dermatology Residency Program, Scottsdale, AZ.	09/16/19

APPENDIX A Didactics Master Schedule

Date	Speaker	Lecture Title/Topic	Hrs	Faculty Supervising
7/1/2019	A. Newman, DO (R)	KOH Training/Cutaneous Anatomy	0.5	J. Barr, DO (F)
	A. Newman, DO(R)	Policies and Procedures/Training/ Consults	7.0	
7/8/2019	A. Newman, DO (R) H. Mullen, DO (R) M. Manway, DO (R)	Book Chapters: Wolverton/Spitz/Elston/Bologna	5.0	B. Blumetti, DO (F)
	B. Blumetti, DO (F)	Attending Lecture Professionalism, consults, Tough Cases	2.0	
	A. Newman, DO (R)	Unknown Dermatopathology Slide Review	0.5	
7/15/2019	Rita Rayis	Cosmetic Training: Laser Hair Removal	4.0	G. Egnatios (F)
	H. Mullen, DO (R) L. Shedlofsky, DO (R) A. Newman, DO (R)	Book Chapters: Spitz/Bologna/Elston	2.0	
	E. Hull, PhD	Research	1.0	
	N. Kazi, MD (F)	Unknown Dermatopathology Slide Review	1.0	
7/22/2019	A. Newman, DO (R)	Book Chapters: Elston/Board Review	2.0	J. Barr, DO (F)
	M. Manway, DO (R) H. Mullen, DO (R) L. Shedlofsky, DO (R)	Book Chapters: Bologna/Wolverton/Spitz	3.0	
	Jennifer Abbott-Bayardi	Journal Club	2.0	
	S. Estrada, MD (F)	Unknown Dermatopathology Slide Review	1.0	
7/29/2019	M. Manway, DO (R) H. Mullen, DO (R) A. Newman, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Book Chapters: Bologna/Spitz/Wolverton/Elston	7.0	B. Blumetti, DO (F)
	N. Kazi, MD (F)	Unknown Dermatopathology Slide Review	1.0	
8/05/2019	A. Newman, DO (R) M. Manway, DO (R) H. Mullen, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Book Chapters: Elston/Bologna/Wolverton/Spitz/Board Review	6.5	J. Barr, DO (F)
	S. Estrada, MD (F)	Dermatopathology Slide Review	1.0	
8/12/2019	A. Newman, DO (R) M. Manway, DO (R) H. Mullen, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Book Chapters: Bologna/Elston/Wolverton/Spitz	4.0	G. Egnatios, MD (F)
	Mike Foley	Financial Planning – Weel-Being	1.0	

	Alison Essary, PA (F) A. Newman, DO (R)	Research/QI Projects	2.0	
	N. Kazi, MD (F)	Unknown Dermatopathology Slide Review	1.0	
8/20/2019	A. Newman, DO (R) H. Mullen, DO (R) B. Sledge, DO (R) L. Shedlofsky, DO (R)	Book Chapters: Bologna/Elston/Bologna/Wolverton/Spitz	4.0	Y. Mengesha, MD (F)
	A. Newman, DO (R)	Kodachrome Session	0.5	
	Dr. Todd Levine	Nerve Bx	1.0	
	Y. Mengesha, MD (F)	Clinicopathologic Correlation and Intro to Pediatric Dermatology	1.0	
	S. Estrada, MD (F)	Unknown Dermatopathology Slide Review	0.5	
8/26/2019	A. Newman, DO (R) M. Manway, DO (R) B. Sledge, DO (R) L. Shedlofsky, DO (R)	Book Chapters: Elston/Wolverton/Spitz/Bologna	4.0	G. Egnatios, MD (F)
	Rita Rayis	Cosmetic Training: Microneedling/Chemical Peels	3.0	
	N. Kazi, MD (F)	Unknown Dermatopathology Slide Review	1.0	
9/9/2019	Dr. C. Cazeau	Hemangioma Talk	1.0	G. Egnatios, MD (F)
	M. Manway, DO (R) A. Newman, DO (R)	Book Chapters: Wolverton/Spitz/Bologna/Elston	4.0	
	G. Egnatios, MD (F)	Nail Lecture	2.0	
	S. Estrada, MD (F)	Unknown Dermatopathology Slide Review	1.0	
9/16/2019	A. Newman, DO (R) M. Manway, DO (R) H. Mullen, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Book Chapters: Bologna/Elston/Wolverton/Spitz	5.0	C. Lin, MD (F)
	A. Newman, DO (R)	Board Review	1.0	
	N. Kazi, MD (F)	Unknown Dermatopathology Slide Review	1.0	
	Dr. Shi	Sanofi Journal Club	1.0	
9/23/2019	A. Newman, DO (R)	Board Review	1.0	J. Barr, DO (F)
	M. Manway, DO (R) A. Newman, DO (R) H. Mullen, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Book Chapters: Elston/Spitz/Wolverton/Bologna	4.0	
	Brian Kim, JD	Medical Ethics and Professionalism	2.0	
	S. Estrada, MD (F)	Unknown Dermatopathology Slide Review	1.0	
10/01/2018	A. Newman, DO (R)	Book Chapters: Bologna	1.0	J. Barr, DO (F)
	D. Mullens, DO (R)	Book Chapters: Elston/Wolverton/Board Review	4.0	
	M. Manway, DO (R)	Book Chapters: Bologna	1.0	
	S. Estrada, MD (F)	Unknown Dermatopathology Slide Review	2.0	
9/30/2019	A. Newman, DO (R) H. Mullen, DO (R) M. Manway, DO (R) B. Sledge, DO (R) L. Shedlofsky, DO (R)	Book Chapters: Bologna/Elston/Wolverton/Spitz	5.0	G. Egnatios, MD (F)
	E. Hull, PhD (F)	Research/QI Project	1.0	
	N. Kazi, MD (F)	Unknown Dermatopathology Slide Review	1.0	

10/7/2019	A. Newman, DO (R) M. Manway, DO (R) H. Mullen, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Book Chapters: Elston/Wolverton/Bologna/Spitz	5.5	G. Egnatios, MD (F)
	A. Newman, DO (R)	Board Review	1.5	
10/14/2019	A. Newman, DO (R) M. Manway, DO (R) H. Mullen, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Book Chapters: Bologna/Wolverton/Spitz/Elston	4.0	C. Lin, MD (F)
	N. Kazi, MD (F)	Unknown Dermatopathology Slide Review	1.0	
	Chika Ugorji, MD	Pediatric Dermatology	1.0	
	C. Lin, MD (F)	STR vs. EB vs. Brach	1.5	
	C. Lin, MD (F)	Journal Club	0.5	
10/21/2019	M. Manway, DO (R) A. Newman, DO (R)	Board Review	2.0	J. Barr, DO (F)
	M. Manway, DO (R) A. Newman, DO (R) H. Mullen, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Book Chapters: Elston/Bologna/Wolverton/ Spitz	3.0	
	Dr. Trilokraf Teiasvi (Mayo Speaker)	Pains and Gains of Tele dermatology – The Michigan Difference	2.0	
	S. Estrada, MD (F)	Unknown Dermatopathology Slide Review	1.0	
10/28/2019	A. Newman, DO (R)	Board Review	2.0	B. Blumetti, DO (F)
	M. Manway, DO (R) A. Newman, DO (R) H. Mullen, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Book Chapters: Elston/Spitz/Wolverton/Bologna	3.0	
	A. Newman, DO (R)	Journal Club	1.0	
	N. Kazi, MD (F)	Unknown Dermatopathology Slide Review	1.0	
11/4/2019	M. Manway, DO (R) A. Newman, DO (R) H. Mullen, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Book Chapters: Elston/Wolverton/Spitz/Bologna	6.0	J. Barr, DO (F)
	A. Newman, DO (R)	Board Review	1.0	
	S. Estrada, MD (F)	Unknown Dermatopathology Slide Review	1.0	
11/11/2019	A. Newman, DO (R) M. Manway, DO (R) H. Mullen, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Book Chapters: Bologna/Elston/Wolverton/Spitz	5.0	T. Lam, DO (F)
	T. Lam, DO (F)	Kodachromes	2.0	
	N. Kazi, MD (F)	Unknown Dermatopathology Slide Review	1.0	
11/18/2019	A. Newman, DO (R) M. Manway, DO (R) H. Mullen, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Book Chapters: Bologna/Spitz/Wolverton/Elston	6.0	J. Barr, DO (F)

	S. Estrada, MD (F)	Unknown Dermatopathology Slide Review	1.0	
	A. Newman, DO (R)	Board Review	1.0	
11/25/2019	A. Newman, DO (R)	Book Review	1.0	B. Blumetti, DO (F)
	M. Manway, DO (R) H. Mullen, DO (R) A. Newman, DO (R) B. Sledge, DO (R)	Book Chapters: Bologna/Elston/Wolverton/Spitz	5.0	
	E. Hull, PhD (F)	Research	1.0	
	S. Estrada, MD (F)	Unknown Dermatopathology Slide Review	1.0	
12/2/2019	H. Mullen, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Book Chapters: Elston/Spitz	1.5	G. Egnatios, MD (F)
	N. Kazi, MD (F)	Unknown Dermatopathology Slide Review	4.0	
	A. Newman, DO (R)	Board Review/Research	2.0	
12/9/2019	Resident Interviews			
12/16/2019	M. Manway, DO (R) H. Mullen, DO (R) B. Sledge, DO (R) L. Shedlofsky, DO (R)	Book Chapters: Bologna, Wolverton/Spitz	3.0	B. Blumetti, DO (F)
	S. Estrada, MD (F)	Dermatopathology Exam	3.0	
	B. Blumetti, DO (F)	Journal Club	1.0	
	B. Blumetti, DO (F)	Dermatosis in Pregnancy, Lupus, and other face rashes	1.0	
12/23/2019	Holiday Off			
12/30/2019	A. Newman, DO (R)	Board Review	4.0	G. Egnatios, MD (F)
	Carmen Riyas, PA	Cosmetic Training: Fillers	4.0	
1/06/2020	N. Kazi, MD (F)	Unknown Dermatopathology Slide Review	1.0	B. Blumetti, DO (F)
	A. Newman, DO (R) M. Manway, DO (R) L. Shedlofsky, DO (R) H. Mullen, DO (R) B. Sledge, DO (R)	Book Chapters: Elston/Bologna/Wolverton/Spitz	5.0	
	A. Newman, DO (R)	Research	1.0	
	A. Newman, DO (R)	Board Review	1.0	
1/13/2020	S. Estrada, MD (F)	Unknown Dermatopathology Slide Review	1.0	D. Mullens, DO (F)
	H. Mullen, DO (R) A. Newman, DO (R) M. Manway, DO (R) B. Sledge, DO (R) L. Shedlofsky, DO (R)	Book Chapters: Bologna/Elston/Wolverton/Spitz	5.5	
	D. Mullens, DO (F)	Surgical Procedures	1.0	
	D. Mullens, DO (F)	Journal Club	0.5	
1/20/2020	N. Kazi, MD (F)	Unknown Dermatopathology Slide Review	1.0	J. Barr, DO (F)
	A. Newman, DO (R) M. Manway, DO (R) H. Mullen, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Book Chapters: Elston/Wolverton/Spitz/Bologna	4.0	
	A. Newman, DO (R)	Board Review	1.5	
1/27/2020	S. Estrada, MD (F)	Dermatopathology Slide Review	1.0	

	M. Manway, DO (R) A. Newman, DO (R) H. Mullen, DO (R) B. Sledge, DO (R)	Book Chapters: Bologna/ Wolverton/Spitz/Elston	4.0	
	A. Newman, DO (R)	Research	1.0	
	M. Manyway, DO (R)	Board Review	2.0	
2/3/2020	Dr. Wu	Cosentyx Lecture	1.0	G. Egnatios, MD (F)
	A. Newman, DO (R) M. Manway, DO (R) H. Mullen, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Book Chapters: Elston/Bologna/Wolverton/Spitz	5.0	
	A. Newman, DO (R)	Board Review/Research	2.0	
	N. Kazi, MD (F)	Unknown Dermatopathology Slide Review	1.0	
2/10/2020	S. Estrada, MD (F)	Unknown Dermatopathology Slide Review	1.0	J. Barr, DO (F)
	D. Mullens, DO (R)	Book Chapters: Elston/Wolverton/Spitz/Bologna	5.0	
	Michelle Jones	ABBVIE Review	1.0	
	E. Hull, PhD	Research	1.0	
	A. Newman, DO (R)	Board Review	1.0	
2/17/2020	N. Kazi, MD (F)	Unknown Dermatopathology Slide Review	1.0	B. Blumetti, DO (F)
	Dr. Wu	Consentyx	1.0	
	A. Newman, DO (R)	Board Review	2.0	
	A. Newman, DO (R)	Book Chapters: Elston/Bologna/Wolverton/Spitz	5.0	
2/24/2020	M. Manway, DO (R) A. Newman, DO (R) H. Mullen, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Book Chapters: Elston/Bologna/Wolverton/Spitz	5.0	J. Barr, DO (F)
	A. Newman, DO (R)	Research/Board Review	2.0	
	S. Estrada, MD (F)	Unknown Dermatopathology Slide Review	1.0	
	N. Kazi, MD (F)	Unknown Dermatopathology Slide Review	1.0	
3/2/2020	M. Manway, DO (R) A. Newman, DO (R) H. Mullen, DO (R) B. Sledge, DO (R)	Book Chapters: Elston/Bologna/Wolverton/Spitz	5.0	J. Barr, DO (F)
	J. Barr, DO (F)	Rashes	2.0	
3/9/2020	M. Manway, DO (R) A. Newman, DO (R) H. Mullen, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Book Chapters: Elston/Bologna/Spitz/Wolverton	2.5	G. Egnatios, MD (F)
	S. Estrada, MD (F)	Unknown Dermatopathology Slide Review	1.0	
	Rita Rayis	Cosmetic Training Botox/Fillers	4.0	
3/16/2020- Virtual	N. Kazi, MD (F)	Unknown Dermatopathology Slide Review	1.0	J. Barr, DO (F)
	M. Manway, DO (R) A. Newman, DO (R) H. Mullen, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Book Chapters: Elston/Bologna/Spitz/Wolverton	4.0	

	A. Newman, DO (R)	Board Review/Research	3.0	
3/23/2020- Virtual	S. Estrada, MD (F)	Unknown Dermatopathology Slide Review	1.0	G. Egnatios, MD (F)
	A. Newman, DO (R) M. Manway, DO (R) H. Mullen, DO (R) B. Sledge, DO (R)	Book Chapters: Bologna/Elston/Wolverton/Spitz	4.0	
	A. Newman, DO (R)	Board Review/Research	3.0	
3/30/2020 - Virtual	M. Manway, DO (R) A. Newman, DO (R) H. Mullen, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Book Chapters: Bologna/Elston/Wolverton/Spitz	4.0	B. Blumetti, DO (F)
	A. Newman, DO (R)	Board Review/Research	3.0	
	N. Kazi, MD (F)	Unknown Dermatopathology Slide Review	1.0	
4/6/2020- Virtual	S. Estrada, MD (F)	Unknown Dermatopathology Slide Review	1.0	G. Egnatios, MD (F)
	A. Newman, DO (R) M. Manway, DO (R) H. Mullen, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Book Chapters: Bologna/Elston/Wolverton/Spitz	5.0	
	A. Newman, DO (R)	Board Review/ Research	2.0	
4/13/2020- Virtual	N. Kazi, MD (F)	Unknown Dermatopathology Slide Review	1.0	J. Barr, DO (F)
	A. Newman, DO (R) M. Manway, DO (R) H. Mullen, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Book Chapters: Bologna/Elston/Wolverton/Spitz	4.0	
	A. Newman, DO (R)	Board Review	2.0	
	E. Hull, PhD	Research	1.0	
4/20/2020 - Virtual	S. Estrada, MD (F)	Unknown Dermatopathology Slide Review	1.0	G. Egnatios, MD (F)
	M. Manway, DO (R) A. Newman, DO (R) H. Mullen, DO (R) B. Sledge, DO (R)	Book Chapters: Elston/Bologna/Wolverton/Spitz	4.0	
	A. Newman, DO (R)	Board Review/Research	3.0	
4/27/2020 - Virtual	A. Newman, DO (R) M. Manway, DO (R) H. Mullen, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Book Chapters: Elston/Bologna/Wolverton/Spitz	6.0	J. Barr, DO (F)
5/4/2020 - Virtual	S. Estrada, MD (F)	Unknown Dermatopathology Slide Review	1.0	J. Barr, DO (F)
	A. Newman, DO (R)	Book Chapters: Elston/Bologna	3.0	
	All Residents	Board Review	4.0	
5/11/2020- Virtual	E. Hull, PhD	Research	1.0	G. Egnatios, MD (F)
	N. Kazi, MD (F)	Unknown Dermatopathology Slide Review	1.0	
	A. Newman, DO (R) M. Manway, DO (R) H. Mullen, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Book Chapters: Bologna/Spitz/Board Review	6.0	
	N. Kazi, MD (F)	Unknown Dermatopathology Slide Review	1.0	

	E. Hull, PhD	Research	1.0	
5/18/2020 – Virtual	M. Manway, DO (R) A. Newman, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Book Chapters: Elston/Bologna/Wolverton/Spitz	6.0	G. Egnatios, MD (F)
5/25/2020	Holiday			
6/1/2020 - Virtual	D. Mullens, DO (F)	Board Review	2.0	D. Mullens, DO (F)
	N. Kazi, MD (F)	Unknown Dermatopathology Slide Review	1.0	
	M. Manway, DO (R) A. Newman, DO (R) H. Mullen, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Book Chapters: Elston/Bologna/Wolverton/Spitz	5.0	
06/8/2020 - Virtual	M. Manway, DO (R) A. Newman, DO (R) H. Mullen, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Review Book Chapters: Elston/Bologna/Wolverton/Spitz	7.0	
	S. Estrada, MD (F)	Unknown Dermatopathology Slide Review	1.0	
6/15/2020 - Virtual	S. Estrada, MD (F)	Unknown Dermatopathology Slide Review	1.0	
	M. Manway, DO (R) A. Newman, DO (R) H. Mullen, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Review Book Chapters: Elston/Bologna/Wolverton/Spitz	1.0	
6/22/2020 - Virtual	B. Blumetti, DO (F)	Dermatologic Manifestations of COVID-19	2.0	B. Blumetti, DO (F)
	M. Manway, DO (R) A. Newman, DO (R) H. Mullen, DO (R) L. Shedlofsky, DO (R) B. Sledge, DO (R)	Review Book Chapters: Elston/Bologna/Wolverton/Spitz	6.0	

Key

Bold Name, Credentials (F) = Faculty (R) = Residents

APPENDIX B – Description of HonorHealth Library Services Resources

A. Evidence-based medicine

- The Cochrane Library is a collection of databases that contain high-quality, independent evidence to inform healthcare decision-making. It includes Cochrane Database of Systematic Reviews (CDSR) Cochrane Central Register of Controlled Trials (CENTRAL) and Cochrane Clinical Answers (CCA).
- MedCalc 3000 is a collection of over 520 calculators, clinical criteria sets and decision trees that are indispensable to anyone practicing, teaching or studying evidence-based medicine. With every search you perform, TDS (formerly STAT!Ref) automatically presents links to relevant tools within MedCalc 3000. The complete contents of MedCalc 3000 include: Clinical Criteria Set, Decision Trees, Medical Equations, Unit and Dose Converters, Calculations and Equations by Specialty.
- UpToDate is an ACCME-accredited evidence-based clinical decision support resource provided for healthcare practitioners to help them make the right decisions at the point of care.
- FirstConsult (via ClinicalKey) is an authoritative, evidence-based and continuously updated clinical information resource for healthcare professionals. Designed for use at the point-of-care, it provides instant, user-friendly access to the latest information on evaluation, diagnosis, clinical management, prognosis, and prevention.
- Two-Minute Medicine (via Access Medicine) – concise and curated reviews and summaries of new medical studies. Studies are rated for the appraisal of evidence-based medicine.

B. Journal literature databases:

- The MEDLINE database is the premier biomedical database in the United States. It contains over 23 million references to more than 5,600 journals in life sciences with a concentration on biomedicine generally dating back to about 1949, with some older material. The subject scope of MEDLINE is biomedicine and health, broadly defined to encompass those areas of the life sciences, behavioral sciences, chemical sciences, and bioengineering needed by health professionals and others engaged in basic research and clinical care, public health, health policy development, or related educational activities. Access is provided via 3 different search platforms: Ovid, EBSCO, and National Library of Medicine (PubMed). All HonorHealth journal content is accessible through link resolvers in all 3 search platforms, making it easy for researchers to access full-text articles in real-time.

- CINAHL (Cumulative Index to Nursing and Allied Health Literature) provides indexing for more than 3,000 journals from the fields of nursing and allied health. The database contains more than 2.6 million records dating back to 1981. Offering complete coverage of English-language nursing journals & publications from the National League for Nursing and the American Nurses' Association, CINAHL covers nursing, biomedicine, health sciences librarianship, alternative medicine, consumer health and 17 allied health disciplines.
- Health Business Elite database covers the journal literature concerning the business of health care. It provides full-text coverage of more than 130 well-known administrative journals such as H&HN: Hospitals & Health Networks, Health Management Technology, Modern Healthcare, and many others, Critical for hospital administrators and managers, this subset of Health Business™ Elite includes publications covering topics such as staffing, health care regulation, health care facilities management, marketing, finance and more.

C. Research/Scholarly Activity and Faculty resources

- Research instruments (scientific scales, tests & measurements) from a variety of indexes and sources, such as the American Psychological Association, the National Library of Medicine and ETS.
- Theses & dissertations published by colleges and universities throughout the world (via interlibrary- loan), found in indexes such as ERIC, Networked Digital Library of Theses & Dissertations, OpenTheses.org, Registry of Open Access Repositories (ROAR), and OCLC WorldCat.
- Arizona Department of Health Services (state and local public health data)
- Guidelines Trust (ERCI) and National Quality Measures (from the U.S. Agency for Healthcare Research and Quality)
- TOXNET, a National Library of Medicine database on toxicology, hazardous chemicals, environmental health and toxic releases
- GreenFILE database of published literature concerning environmental issues

D. Faculty Resources

- ProceduresConsult (via ClinicalKey) provides over 300 educational videos on procedures in Emergency, Internal Medicine, Anesthesiology, General Surgery, Cardiology and other specialties.

- Teacher Reference Center, an index of 280 peer-reviewed journals for teachers, covering topics like assessment, best practices, continuing education, and curriculum development

E. Textbooks (electronic & print)

- ClinicalKey contains over 1100 medical and nursing e-textbooks and manuals.
- TDS (formerly STATRef) includes over 140 medical and nursing e-textbooks.
- Ovid Books provides a small collection of LWW medical & nursing reference e-books
- HonorHealth Library Services provides immediate, direct access to over 1,900 clinical texts, 240 leadership & management books, and over 1,800 consumer health & wellness books. These collections cover a wide range of specialty and subject areas (see below). Library Services also provides rapid interlibrary loan (ILL) services for any texts we do not own in our collection. Typical response time on ILL requests is 2 business days. Categories include:
 - a) Primary care/Family Medicine/Internal Medicine
 - b) Obstetrics & Gynecology
 - c) Surgery & Perioperative Care
 - d) Oncology
 - e) Subspecialties including Gastroenterology, Neurology, Orthopedics, Heart & Vascular, Dermatology, Psychiatry, Pediatrics, and Geriatrics
 - f) Business leadership & management
 - g) Health business, management and leadership
 - h) Professional development & certification (“test prep”) materials
 - i) Various consumer health & wellness and chronic disease management topics, in alignment with HonorHealth priorities

F. eJournals, Full-text

- JAMA and JAMA Archives, JAMA Dermatology, Lancet, NEJM available electronically
- Thousands of journal titles available through Medline with Full Text, CINAHL Complete, ClinicalKey and other database collections (title lists available upon request).

G. Drug information

- Micromedex provides information and complete monographs on thousands of drugs. It includes toxicity information, therapeutic doses, pill identification, and dosing calculators. The complete drug monographs in this resource are often considered to be the “gold standard”.

- Lexi-Comp, available through UpToDate, is another drug information product, with features including aural pronunciation of the drugs' names and chemotherapy regimens.
- FDA Electronic Orange Book (consumer information on generic drugs)

H. Herbals & Supplements

- National Center for Complementary & Integrative Health (NCCIH) resources (including clinical practice guidelines and literature reviews for health care professionals)

I. Patient Education/Consumer Health/Literacy resources

- MEDLINEplus (Consumer health info from the National Library of Medicine)
- CareNotes patient education resources (via Micromedex suite)
- Basics & Beyond the Basics series (via UpToDate)
- ExitCare (via ClinicalKey)
- Healthwise patient education resources
- A wide variety of health literacy toolkits and resources, including resources for Ask Me 3 and TeachBack