Annual Report 2015-2016

Annual Report
(Fiscal Year July 1, 2015–June 30, 2016)

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Report from the President

Dear Members and Colleagues:

On behalf of the Governing Council of the Association for Pathology Informatics (API), I am pleased to provide the president's letter for this year's API Annual Report. The API was formed in 2000 and is dedicated to the specialty of Pathology Informatics. Its mission is to promote the field of Pathology Informatics as an academic and clinical subspecialty of Pathology and Laboratory Medicine and, through its efforts, further substantiate pathology's relevance into the future as the most critical component for precision patient care.

This year represents our eighth year as a separately chartered and fully independent professional association. We continue to make considerable progress in advancing Pathology Informatics as a valued and respected subspecialty of Pathology. Some of the highlights of the last year are listed below and are mentioned in greater detail within the pages of this annual report.

- **Pathology Informatics Summit 2016:** The May 23-26, 2016 Pathology Informatics Summit in Pittsburgh, PA was a resounding success for the organization and its members. Several hundred active members and dozens of Teaching Institutional and Non-Profit members attended three pre-conference workshops, two parallel tracks of short lectures on topics in the fields of Research Informatics and Applied Pathology Informatics, including Digital Pathology, punctuated by plenary lectures over the course of 4 days. In addition, paper posters and short scientific oral presentations were offered, as well as 23 abstract presentations. There were also 27 exhibitors with IT-related products and services, representing the largest single collection of pathology informatics vendors at any conference in the country. Attendees could claim 23.25 hours of CME or 22.25 SAM credit. Multiple in-depth sessions covered LIS, HIMA Imaging Science and International Imaging, and Radiology Pathology Convergence and Integrated Diagnostics. The Digital Pathology Association Companion Meeting explored Hot Topics in Digital Pathology, with themes on Standardized Methods for Validation of WSI, Ex Vivo Microscopy, Implementing Digital Pathology in Large Academic Medical Centers, and new technologies for quantitative analysis of cellular morphology from histopathology images.
- **API/Sunquest Educational Webinars:** We are grateful to Dr. Bruce Frieden for his vision and leadership in designing the API/Sunquest webinars for API members. This year was an active year. Two sessions in October explored ONC's Laboratory Results and Orders Interfaces and the impact of Digital Pathology on Surgical Pathology Workflow. A December webinar explored how Informatics could enhance Point of Care. API then launched the new 2016 year with three monthly seminars on Clinical Informatics Fellowships and Opportunities, Big Data Healthcare, as well as a case study of Radiology-Pathology Diagnostics Integration at UCLA.
- **Journal of Pathology Informatics:** JPI is in its sixth year and continues to publish important articles in the field of pathology informatics. This vehicle to disseminate our published work has become a major player in shaping our field. We are deeply indebted to the outstanding efforts of founding and current Editors-in-Chief Anil V. Parwani, MD, Ph.D and Liron Pantanowitz, MD for providing us with this peer-reviewed, open-access, PubMed-indexed resource. Manuscript submissions were evenly split between authors in the United States (51%) and internationally (49%), with a total of 96 issues submitted in 2016.

- **Teaching Program Memberships:** The API Teaching Institutional Members continue to make significant contributions to both the success of API and to the success of the Pathology Informatics Summit. A significant number of institutional trainees attended various workshops along with many prominent and active pathology department faculty. We are committed to expanding the number of teaching institution programs as we move forward this year.
- **Presence of API in National Initiatives:** The API was represented at numerous national conferences in 2015-2016. API-branded content was delivered at the annual American Society for Clinical Pathology (ASCP) meeting. API content was also presented at the annual College of American Pathologists (CAP) and the Association for Molecular Pathology (AMP) meetings. The API continued to participate as a Companion Society of the United States and Canadian Academy of Pathology (USCAP). API-branded content has also been delivered to the Pathology Visions meeting held by the Digital Pathology Association, as well as at the AACC University Pathology Informatics Boot Camp.

I want to recognize the efforts of the staff at API who have helped to move this organization in a positive direction. Nova Smith from the University of Pittsburgh has truly been the cornerstone of API operations, serving as the API Executive Director and Senior Course Manager, performing a wide variety of functions for the organization and ensuring that the leadership of API addresses salient issues. She is joined by Beth Gibson of the University of Michigan who serves as Assistant Course Manager, with additional roles in helping with membership and other organizational responsibilities. We also appreciate the Webmaster expertise of Rebecca Boes of the University of Pittsburgh. Barbara Karnbauer has also been in large part responsible for the continued success of the Pathology Informatics Summit. We also appreciate the efforts of John Hamilton, Jeff Sica, and Bob Killen for their audiovisual and technical support, as well as additional assistance from numerous other individuals who helped to make API as successful as it is today.

A special set of thanks is due to our active API members and Teaching Institutional and Non-profit members, including but not limited to members of the API Governing Council, who have dedicated so much time and effort to the advancement of this organization. I have greatly enjoyed my term as President of this wonderful organization and its members. Pathology Informatics is critically important for accurate, efficient, and improved patient care, and as such, it is the key to the future success of the discipline of Pathology and all of its subspecialties.

Sincerely,

Michael Riben, MD
API President 2016.

PAST PRESIDENTS

2001
Michael J. Becich, MD, PhD
University of Pittsburgh School of Medicine

2002-2003
Bruce A. Friedman, MD
Pathology Education Consortium

2004
Walter H. Henricks, III, MD
Cleveland Clinic

2005
J. Mark Tuthill, MD
Henry Ford Health System

2006
Jules J. Berman, MD, PhD
Freelance Medical Writer

2007
Ulysses J. Balis, MD
University of Michigan Health System

2008
Michael G. McNeely, MD, FRCPC (1944-2009)
Consultant-Medical Informatics

2009-2010
Myra L. Wilkerson, MD
Geisinger Health System

2011-2012
Ronald S. Weinstein, MD
University of Arizona

2012-2013
Raymond D. Aller, MD
University of Southern California

2013
Liron Pantanowitz, MD
University of Michigan Health System

2014
Alexis Carter, MD
Emory University

2015
Rodney Schmidt, MD, PhD
University of Washington

History and Mission

History: API was founded in 2000 by pathologists interested in defining Pathology Informatics (PI) as a clinical subspecialty within the medical discipline of Pathology. API was initially supported by the Department of Biomedical Informatics and the University of Pittsburgh School of Medicine until API became financially independent. The University of Michigan currently provides additional administrative support for API.

Mission: Promote the field of Pathology Informatics as an academic and a clinical subspecialty of Pathology and Laboratory Medicine and further substantiate pathology's relevance into the future as the most critical component for precision patient care.

What is Pathology Informatics? Pathology Informatics recognizes the disruptive role of new technologies and strives to facilitate adoption of information-driven diagnostic tools that deliver better patient care and enhance our understanding of disease-related processes. Such new diagnostic technologies include whole slide imaging (WSI), next-generation sequencing (NGS), and emerging technologies like methylation assays and proteomics. Such technologies have resulted in what is commonly termed "big data" and require specialized techniques for implementation, management, and analytics. In addition, PI works to refine the data generated by diagnostic technologies currently used in clinical laboratories and from reporting performed from anatomic pathology laboratories. Through these efforts, PI positions itself as the data stewards for pathology, and having stewardship over critical diagnostic pathology data substantiates pathology's relevance for enhancing patient care.

Goals:

- Advance Pathology Informatics through research, scientific meetings, and electronic and printed communications
- Provide educational activities that disseminate knowledge to a broad audience and support the practice of Pathology Informatics
- Support "democratization" of diagnostic pathology data by eliminating or integrating data silos that hinder multi-institutional sharing of data and impede better public health, patient care, and research
- Develop standards for the storage and exchange of data and mechanisms for reporting, transferring, and merging diagnostic data while maintaining the needed level of confidentiality and appropriate stewardship of the data
- Play an active role in legal, ethical, social, regulatory, and governmental issues related to Pathology Informatics
- Prepare Pathology for upcoming paradigm shifts in practice like primary digital sign-out and incorporation of artificial intelligence
- Define the technological barriers that current technologies have in accommodating the upcoming technological paradigm practice changes, using a systems-based approach
- Develop relationships with other professional societies and industry partners that share similar interests and goals and synergize efforts to achieving the above listed goals
- Continue our efforts to recruit women and minorities from the international pathology informatics community as API members, to serve on API committees and the JPI editorial board, and as invited speakers for our national meeting and educational workshops

Activities: Informaticians seek to continuously improve laboratory information technology/systems, enhance the value of laboratory test data, and develop computational algorithms and models aimed at deriving clinical value from new data sources. We offer a broad array of expertise in the primary informatics pillars of:

- Information fundamentals
- Information systems
- Workflow and process
- Governance and management
- We support clinical laboratory operations, enterprise informatics and IT initiatives, academic research, and education

Annual Summit (May 23-26, 2016)

The conference is composed of three pre-conference workshops, two parallel tracks of short lectures on topics in the fields of Research Informatics and Applied Pathology Informatics, including Digital Pathology, punctuated by plenary lectures over the course of 4 days. In addition, paper posters and short scientific oral presentations are offered, the best of this latter category have been promoted to a third track of formal podium presentations.

The ASCP designates this live activity for a maximum of 23.25 AMA PRA Category 1 Credit(s)™. The ASCP designates this live activity for a maximum of 22.25 SAMs credits.

Special thanks to our Diamond Level Vendor: Sunquest Information Systems, Inc. and our Platinum Level Vendors: Hamamatsu Corporation and Roche Diagnostics/Ventana Medical Systems, as well as our Gold Level Vendor: Faxitron, Leica Biosystems, and SCC Soft Computer. There were 27 exhibitors, in total, with IT related products and services.

May 22 – Preconference Meeting Opportunity	
Phantom Slides and Feature/Reproducibility Studies with Pathologists	
May 23 – Workshop A, B and C	
LIS Design and Functionality	Data Quality/Information Quality
A Holistic View of LIS Management: Resources, Vendors, and Projects	Selection and Implementation of a Digital Pathology System
Patient Identification – Biometric or Botched?	Integration vs. Interoperability Best of Breed vs. Enterprise Solutions
The Basics of Molecular and Genomic Informatics in Pathology	Computational Pathology and Clinical Informatics
Adventures in Digital Histopatholgy Image Analysis in London, Canada	The Next Generation of Digital Pathology in Linkoping, Experiences from Changes of Workflow, Systems and Diagnostic Adaptation
HistomicsTK: Developing an Open-Source Platform for Integrated Histopathology Analysis	Standardized Methods for Validation of WSI for Regulatory Submissions
The Importance of Standardization of Histology Preparation in WSI Based Image Analaysis	Ex Vivo Microscopy (EVM) and 21st Century Surgical Pathology
Seeing the Invisible: New Techniques for Visualization and Predictive Modeling in Digital Pathology	Implementing Digital Pathology at a Large Academic Medical Center: the Nuts and Bolts
Deep Learning for Tissue Diagnostics and Outcome Prediction in Cancer	New technologies for Quantitative Analysis of Cellular Morphology from Histopathology Images
Nanoscale Pathological Imaging for Quantitative Cancer Diagnosis and Early Prediction of Cancer Progression	

May 24 – Radiology Pathology Convergence AND Integrated Diagnostics; Focus on Pathology and Clinical Informatics Education and Training	
Integrated Diagnostics: Optimizing Test Ordering and Result Reporting in Diagnostic Medicine	Pathomics meets Radiomics
The (unforeseen) Challenges and Benefits of Integrating Diagnostic Workflows	Radiology to Pathology: Closed Loop Evaluation for Image Analaysis
Federation and Use of Advanced NLP Techniques: A Pathway to Realizing Cross-domain Information Models and Data Presentation Layers Between Radiology and Pathology	Laboratory Information Systems for Low and Middle Income Countries (LMIC)
May 25	
Short Abstract Lectures, Track Presentations, Keynote, Regulatory Issues, Town Hall.	
May 26 – Informatics and Precision Medicine	
Reengineering Pathology Care Through Telemedicine	Big Data and Computational Pathology in Analytics
Precision Medicine Diagnostics in a Healthcare System, In-House or Outsource?: A Pathologists Perspective	Tying it All Together – The Future of the Field.

Travel Awardees

Valerie Arboleda	University of California, Los Angeles
Ernest Chan	University of Chicago Medical Center
Pavritha Dissanayake	University of Illinois – CHHSS
Thomas J S Durant	Yale University
Xiujun Fu	Massachusetts General Hospital
Nina Haghi	NorthwellHealth
Jenna Khan	University of Washington
Yanhu iLiang	Stony Brook University
Vicenzo L'Imperio	Universita DiMilano-Bicocca (UNIMIB)
Patrick Mathias	University of Washington
Amir Momeni	SUNY Downstate
Luong Nguyen	Carnegie Mellon University – University of Pittsburgh joint program
Shyam Prajapati	Icahn School of Medicine at Mount Sinai/St. Luke's-Roosevelt Program
Wade Schulz	Yale University
Edward Stites	Washington University in St. Louis
Lika Svanadze	University Medical Center Göttengen
Akif Burak Tosun	University of Pittsburgh
Eric Vail	New York Medical College at Westchester Medical Center
Bethany Williams	St. James' University Hospital Leeds
Chris Williams	University of Michigan
Keluo Yao	The Ohio State University Wexner MedicalCenter

Award Sponsors

Individual Donors

John Gilbertson, MD
Massachusetts General Hospital

Edward Klatt, MD
Mercer University

J. Mark Tuthill, MD
Henry Ford Health System

Award Sponsors

General Data

American Society for Clinical Pathology

College of American Pathologists

Association for Pathology Informatics

API Lifetime Achievement Award

The API Lifetime Achievement Award (formerly called the "API Honorary Fellow Award") was established by the API Governing Council in 2002. The Award recognizes individuals who have made significant contributions to the development of pathology informatics as a clinical and academic subspecialty of pathology. Nominations for the award are solicited from the API membership and the API Council selects the recipient. The 2010 and subsequent awards will be presented at Pathology Informatics conference. (Previous awards were presented at either APIII or LabInfoTech Summit.)

Walter H. Henricks, MD
Cleveland Clinic

The Association for Pathology Informatics presented its annual Lifetime Achievement Award to Walter Henricks III, MD at the 2016 Pathology Informatics Summit in Pittsburgh, PA. The presenter was Dr. Michael Riben, 2016 API President.

Dr. Walter H. Henricks earned his medical degree and completed his residency training at the University of Michigan. Since 1997, Dr. Henricks has been the Medical Director of the Center for Pathology Informatics at Cleveland Clinic where his group is responsible for the administrative and technical aspects of pathology informatics and laboratory information management for the institution. He also serves as the vice chair of the Pathology and Laboratory Medicine Institute and as the laboratory director for the main campus laboratories at Cleveland Clinic in Ohio. His clinical practice activities include surgical pathology with a subspecialty interest in gastrointestinal pathology and protein electrophoresis/immunofixation interpretation in clinical pathology. He is board-certified in anatomic and clinical pathology.

Dr. Henricks is a founding member and Past President of the Association for Pathology Informatics (2004). He has led multiple leadership activities and held multiple positions in the College of American Pathologists in areas of pathology informatics and laboratory accreditation. He is frequently invited to be a speaker on pathology informatics topics. Henricks' interests include evaluation and effective implementation of technology for laboratory information management, management of pathology/laboratory data in electronic medical records systems, laboratory operations, and laboratory accreditation.

Dr. Henricks has been dedicated to the development of pathology informatics since the early 2000s. In a 2015 article, Dr. Henricks astutely recognized that “pathologists are uniquely positioned to act as stewards for laboratory information in electronic health records and throughout health care organizations” (1). This deep appreciation of how pathologists stand at the nexus of medical data management and patient care drove Dr. Henricks’ efforts to continue building upon education, training, and technological initiatives towards better enabling pathologists to uphold their obligations to the field.

Dr. Henricks was instrumental in bringing API and CAP together to establish the PIER curriculum resource for pathology program directors and faculty seeking to meet the ACGME requirements for training in pathology informatics. He is widely respected in the field of pathology and pathology informatics for his in-depth, reasoned guidance and leadership across multiple disciplines and organizations. We are grateful for his contributions and ongoing participation and, thus, honor Dr. Walter Henricks with API’s 2016 Lifetime Achievement Award.

“Pathologists as Stewards of Laboratory Medicine,” Walter H. Henricks, MD; Myra L. Wilkerson, MD; William J. Castellani, MD; Mark S. Whitsitt, PhD; John H. Sinard, MD, PhD, Archives of Pathology & Laboratory Medicine 139(3): 332-337, March 2015. DOI:10.5858/arpa.2013-0714-SO
https://www.researchgate.net/publication/273440921_Pathologists_as_Stewards_of_Laboratory_Information

Education

API/Sunquest Educational Webinars: We are grateful to Dr. Bruce Frieden for his vision and leadership in designing the API/Sunquest webinars for API members. This year was an active year. Two sessions in October explored ONC's Laboratory Results and Orders Interfaces and the impact of Digital Pathology on Surgical Pathology Workflow. A December webinar explored how Informatics could enhance Point of Care. API then launched the new 2016 year with three monthly seminars on Clinical Informatics Fellowships and Opportunities, Big Data Healthcare, as well as a case study of Radiology-Pathology Diagnostics Integration at UCLA.

October 7, 2015:	"ONC's Laboratory Results Interface (LRI) and Laboratory Orders Interface (LOI)" Walter H. Henricks, MD
October 15, 2015:	"How Digital Pathology Will Change the Workflow of Surgical Pathology Liron Pantanowitz, M.D
December 16, 2015:	"Informatics Connectivity to Enhance Point of Care Testing" David McClintock, MD
January 27, 2016:	"Clinical Informatics Fellowships and Opportunities for Pathology Informatics" Bruce Levy, MD, CPE
February 19, 2016:	"Integration of Radiology-Pathology Diagnostics at UCLA" W. Dean Wallace, MD
March 17, 2016:	"Big Data in Healthcare" Sonny Varadan, Senior IT Management Consultant, Nichols Management Group

Clinical Informatics Medical Subspecialty: Clinical Informatics (CI) is a board-certifiable subspecialty primarily housed in the American Board of Preventive Medicine and co-sponsored by the American Board of Pathology. Pathologists are the only candidates outside of Preventive Medicine who are allowed to register for the exam through their own specialty board. Currently, candidates can qualify for the exam by either completing an ACGME-accredited fellowship or through the Practice Pathway. Since the first exam administered in October 2013, 1107 physicians from 24 specialties have become boarded, with pathologists comprising 66 (6%) of total CI diplomates. The year 2015 featured Cohort 3, consisting of 320 diplomates, 17 of whom were pathologists (representing 5.3% of 2015's diplomates). Of note, 2022 will be the last year one can apply for the CI board exam through the Practice Pathway, barring an extension by the American Board of Medical Specialties.

Other API Educational Programs: The API was represented at a number of national conferences. API-branded content was delivered at the annual meetings of the College of American Pathologists (CAP) and the Association for Molecular Pathology (AMP). The API will continue to participate as a Companion Society of the United States and Canadian Academy of Pathology (USCAP) at their annual meeting. API-branded content has also been delivered to the Pathology Visions meeting held by the Digital Pathology Association.

Official representatives of the API have also been involved in a number of national initiatives, including, but not limited to the American Society for Clinical Pathology (ASCP), USCAP, and AMP. Select members also participate in multiple standards organizations such as Health Level 7 International (HL7) and Digital Imaging and Communications in Medicine (DICOM) as well as provide guidance on important national topics like the Food and Drug Administration certification of whole slide imaging, computational pathology and algorithm use. Many of our members also provide informatics talks at local, regional, national, and international specialty meetings such as the Companion Society Session, the ASCP Annual Meeting, Digital Pathology Association Annual Session, the American Association for Clinical Chemistry (AACC) Annual Meeting and AACC University Pathology Informatics Boot Camp, Healthcare Information and Management Systems Society, Inc. (HIMSS), and Society for Imaging Informatics in Medicine (SIIM).

Journal of Pathology Informatics (JPI)

The Journal of Pathology Informatics (JPI) is an open access, peer-reviewed journal dedicated to the advancement of pathology informatics. This is the official journal of the Association of Pathology Informatics (API). The first issue was published in March 2010. The Journal of Pathology Informatics (JPI) is now in its sixth year and with over 108 publications in the last 24 months. We continue to have high-quality pathology informatics articles being submitted. Dr. Liron Pantanowitz and Dr. Anil V. Parwani wish to thank the editorial board and the API for their continued support.

JPI aims to publish broadly about pathology informatics and freely disseminate all articles worldwide. All types of papers related to pathology informatics are published, including original research articles, technical notes, reviews, viewpoints, commentaries, editorials, book reviews, and correspondence to the editors. All submissions are subject to peer review by the editorial board and expert referees in appropriate specialties.

The journal is registered with the following abstracting partners: Baidu Scholar, CNKI (China National Knowledge Infrastructure), EBSCO Publishing's Electronic Databases, Ex Libris – Primo Central, Google Scholar, Hinari, Infotrieve, National Science Library, ProQuest, TDNet, Wanfang Data. The journal is indexed with, or included in, the following: DOAJ, PubMed Central, SCOPUS.

Wolters Kluwer and Journal/Association are committed to meeting and upholding standards of ethical behavior at all stages of the publication process. We follow closely the industry associations, such as the Committee on Publication Ethics (COPE), International Committee of Medical Journal Editors (ICMJE) and World Association of Medical Editors (WAME), that set standards and provide guidelines for best practices in order to meet these requirements. For a summary of our specific policies regarding duplicate publication, conflicts of interest, patient consent, etc., please visit http://www.medknow.com/EthicalGuidelines.asp.

PUBMED Listed Articles:
https://www.jpathinformatics.org/browse.asp?date=0-0.

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Ann Arbor, Michigan, USA

Anil V. Parwani, MD, PhD, MBA
The Ohio State University
Columbus, Ohio, USA

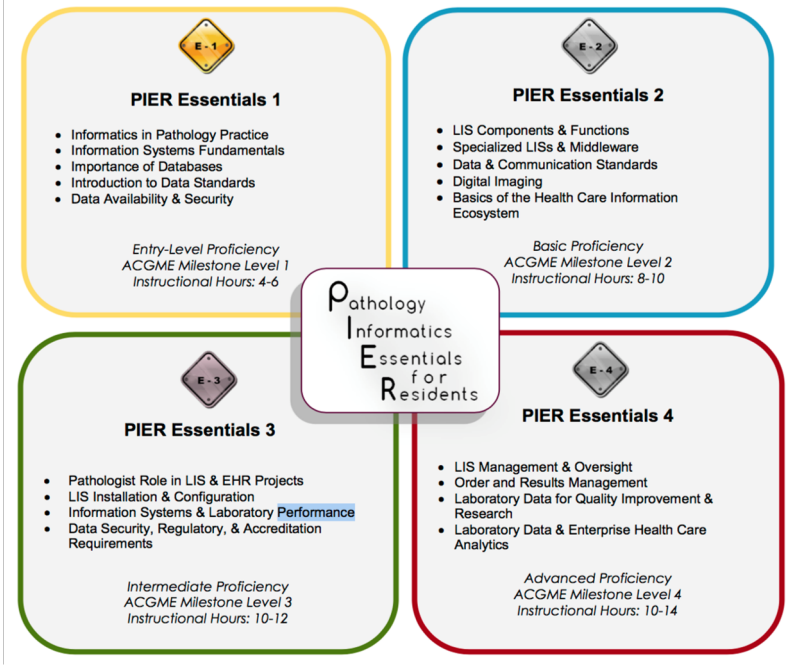
MANAGING EDITOR

Nova Marie Smith
Association for Pathology Informatics
Pittsburgh, PA

Presence of API in National Initiatives: The Association for Pathology Informatics believes that pathology informatics is an integral part of the practice of Pathology in the 21st Century and therefore strongly supports informatics education for all pathology residents. This led us into a partnership with the Association of Pathology Chairs and the College of American Pathologists to create Pathology Informatics Essentials for Residents, or PIER. Please visit the PIER website for more information.

In further support for pathology informatics education, API has long provided pathology informatics "boot camps" on the first day of the Pathology Informatics Summit. Recordings of the presentations and the presentation slides have been reviewed and mapped to the PIER Essentials to assist pathology residency faculty in the delivery of pathology informatics knowledge to our residents.

Exhibit 1: PIER Scope and Sequence



Much has been accomplished since the last PIER update. After the initial launch in late 2014, we transitioned leadership from a working group of informatics experts to the PIER Leadership Committee made up of pathology residency program directors (representing the Association of Pathology Chairs) in addition to two informatics experts (representing the Association for Pathology Informatics and the College of American Pathologists). The committee is supported by staff from each association. The CAP also provides project management and instructional design resources to support the work of the committee. The PIER Leadership Committee is charged with carrying the curriculum forward and supporting its further adoption. We've spent the last several years growing the PIER Leadership Committee to include residents, collecting data from stakeholders to understand their needs, using feedback to make curriculum improvements resulting in 3 releases, researching and submitting for grant funding, collaborating with ASCP to 1) pilot test informatics questions for the RISE exam, 2) collect data from residents about their informatics training experiences, and 3) create a separate category for informatics on exam reports so that program directors can monitor resident performance. The committee also provided program director representation to the ACGME Milestones 2 Informatics Work Group.

As a reminder, PIER is a free curriculum and it can be found on the APC website at: www.apcprods.org/pier.

American Society for Clinical Pathology
AP Easy
Association for Pathology Informatics
College of American Pathologists
Cortex Medical Management Systems
CytoSavvy
Emory Healthcare
Faxitron
General Data Healthcare, Inc.
Hamamatsu Corporation
Huron Digital Pathology
Indica Labs, Inc.
Leica Biosystems
Mikroscan
NovoPath
Omnyx
Optra SCAN
Orchard Software
PathXL
Roche Diagnostics/Ventana Medical Systems
Sakura Finetek USA, Inc.
SCC Soft Computer
Sectra
Sunquest Information Systems, Inc.
Technidata
Visiopharm
Voicebrook

Teaching Institutional Members

Since its inception in 2011, API's Teaching Institutional Membership program has been very successful in attracting the 'best-in-class' academic institutions that have collectively demonstrated leadership in adopting and teaching information technology in the medical (and specifically pathology) specialties. API offers unlimited, free publication of all accepted articles in the Journal of Pathology Informatics to any faculty, resident, or fellow employed at an API Teaching Institution.

For a list of institutional members, please contact Nova Smith, API Executive Director (nova.smith@pathologyinformatics.org).

Membership Benefits

- Access to official API Listserv, materials, and broad member expertise
- Access to continually updated educational content and features for those without Pathology Informatics expertise and to help current and future Pathology Informatics faculty save time creating educational content by sanctioned reuse of member content. There are currently over 100 recorded lectures and PowerPoint slideshows available from past API meetings (PI Summit, Digital Pathology and AI workshop, etc.) on the API website for members to access and review for educational purposes.
- Access to training webinars, programs, and PIER content
- Discounted publication fees for the API's Journal of Pathology Informatics
- Reduced registration rate for members at the Annual API Summit Meeting
- Networking connections

Financial Report

	API FY16 Revenue			API FY16 Expenses		API FY16 Net Revenue/(Loss)
	API Membership	$55,039.66		API Membership & Meeting Expenses	$122,317.43	
	Pathology Informatics Summit	$272,597.08		Staff Includes Taxes and Benefits (includes 1099 staff)	$16,296.00	
	Journal of Pathology Informatics	$5,713.74		Journal of Pathology Informatics	$6,155.65	
	Other Revenue	$21,672.95	$6,094.19 (Adjustment)	Other Expenses	$22,988.87	
Subtotal		**$355,023.43**	**$361,117.62**		**$167,757.95**	**$193,359.67**

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