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 the 2015 API Annual Report. The API was formed in 2000 and is dedicated to the specialty of Pathology Informatics. 2015 represented our seventh 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 past year are listed below and are mentioned in greater detail within the pages of this Annual Report.

Pathology Informatics Summit 2015 (PathologyInformatics.com): The Pathology Informatics Summit was a resounding success for the organization and its members. With over 300 attendees, 1 Diamond Sponsor (Sunquest), 4 Platinum Sponsors (Hamamatsu, Leica-Aperio, Roche-Ventana, SCC Soft Computer), 2 Gold Sponsors (Cerner, Data Innovations), 19 silver sponsors (American Society for Clinical Pathology (ASCP), Atlas Medical, College of American Pathologists (CAP), Cortex Medical Management Systems, Cytosavvy, General Data Healthcare, Huron Digital Pathology, LifePoint Informatics, Milestone Medical, Omnyx, LLC, Orchard Software, PathXL, Sakura Finetek USA, Inc., Software Testing Solutions (STS), Technidata Medical Software, ViewsIQ, Visiopharm, Voicebrook, Inc., XIFIN, Inc.), the energy was high and the connections and interactions significant. We are very grateful to all who attended for their participation.

• Update on the API - American Society for Clinical Pathology (ASCP) Alliance: The API and ASCP continue to collaborate on education efforts. The API provided over 20 hours of informatics content at the ASCP Annual Meeting held in Long Beach, California, from October 29-31, 2015. We will also be providing significant informatics content for the ASCP Annual Meeting held in Las Vegas, Nevada, from September 14-16, 2016.

• Teaching Program Memberships: Last year we announced some exciting new teaching institutional memberships which will allow teaching institutions to expand the number of faculty and trainee memberships under the organizational umbrella. This opportunity was taken advantage of by several teaching institutions to cover additional members under their membership. 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 the conference along with many prominent and active pathology department faculty. We are committed to continuing to expand the number of teaching institution programs as we move forward.

• Presence of API in National Initiatives: Representatives of the API have been involved in a number of national initiatives. The Pathology Informatics Essentials for Residents (PIER: APC.MemberClicks.net/PIER) was jointly developed by representatives from API, the College of American Pathologists (CAP), and the Association of Pathology Chairs (APC). This resource is intended to help pathology programs train pathology residents in informatics by providing an instructional resource guide. In addition, the API is officially represented on the laboratory TIGER team for the Office of the National Coordinator (ONC) for Health Information Technology and on other national standards organizations.

continued on page 2
Report from the President (continued)

- **Journal of Pathology Informatics (JPI: JournalofPathologyInformatics.com):** JPI is now five years old 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 Drs. Liron Pantanowitz and Anil Parwani for providing us with this peer-reviewed, open-access, PubMed-indexed resource. Submission of manuscripts regarding any element of the broad field of pathology informatics is welcomed and encouraged.

- **API-Sunquest Educational Webinars:** After the resounding success of the initial two series of Webinars provided by API experts with platform support from Sunquest Information Systems, Inc., the API and Sunquest are happy to announce that there will be a third series of free Webinars on hot topics in Pathology Informatics. These webinars are free of charge to API members and are also available to be downloaded from the members’ only area of the API website. We thank Dr. Bruce Friedman for his outstanding efforts and vision in organizing these Webinars.

- **Other API Educational Programs:** The API was represented at a number of national conferences in 2015 in addition to the ASCP Annual Meeting, summarized above. API-branded content was delivered at the annual meetings of the College of American Pathologists and the Association for Molecular Pathology. The API will continue to participate as a Companion Society of the United States and Canadian Academy of Pathology (USCAP) and present at the annual USCAP meetings. API-branded content has also been delivered to the Pathology Visions meeting held by the Digital Pathology Association.

I want to recognize the efforts of the staff at both the API and the ASCP 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 has been joined by Beth Gibson of the University of Michigan as Assistant Course Manager and Beth’s role has expanded to include assistance with membership and other organizational responsibilities. We also appreciate the expertise of Rebecca Boes of the University of Pittsburgh, our Web site developer. Barbara Karnbauer, recognized at the 2015 Pathology Informatics Summit with a Distinguished Service Award, has been in large part responsible for the continued success of the Pathology Informatics Summit and she will continue to assist with the on-site elements of the conference. We look forward to continuing to work closely with Nilda Barrett, Robert Lendi, and Steve Ciacciao at the ASCP in our various collaborations. Without the collective efforts of these important individuals, the API would not be as successful as it is today.

A special set of thanks is due to API 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. Drs. Mark Tuthill, Ulysses Balis, and Bruce Friedman and the meeting planning team deserve special recognition for their heroic efforts in putting together our Pathology Informatics Summit meetings. Mark is also the coordinator for educational programming for the ASCP Annual Meeting.

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,

Rodney Schmidt

RODNEY SCHMIDT, MD
API PRESIDENT, 2015

Special thanks to Dr. Michael Riben and Dr. Bruce Levy, Co-Chairs
API Training and Education Committee
The Association for Pathology Informatics and the 2015 Pathology Informatics Planning Committee were pleased to have received financial support to fund eighteen (18) Travel Awards for trainees to attend at the Pathology Informatics Summit 2015 national meeting, held in Pittsburgh, PA May 5-8, 2015. Awards were presented at the Travel Awards Trainee Luncheon by the Co-Chairs of the API Training and Education Committee Bruce Levy, MD and Michael J. Riben, MD.

2015 TRAVEL Awardees

Asif Ali, MBBS, PhD
Institute of Basic Medical Sciences and Institute of Public Health

Thomas Blomquist, MD, PhD
University of Toledo Medical Center

Ernest Chan, MD
University of Chicago Medical Center

Chancey Liam Christenson, MD, MPH
Tulane University Hospital

Thomas J S Durant, BHSc, MPT
University of Connecticut School of Medicine

Edward Goacher, MBChB
University of Leeds

Matthew Hanna, MD
Mount Sinai Hospital

Daniel Herman, MD
University of Washington

Philip Howard, MD
East Carolina University

Emilio Madrigal, DO
Mount Sinai Beth Israel/Roosevelt/St. Luke’s

Patrick Mathias, MD, PhD
University of Washington

Andrei Plagov, MD
Drexel University College of Medicine

Joseph Rudolf, MD
Massachusetts General Hospital

Wade Schulz, MD, PhD
Yale University

Vishal Varma, PhD
University of Illinois at Chicago

Addie Walker, MD
Cleveland Clinic

Christopher Lee Williams, MD
University of Oklahoma Health Sciences Center

Keluo Yao, MD
The Ohio State University Wexner Medical Center

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The University of Texas MD Anderson Cancer Center

Rodney Schmidt, MD, PhD
Professor, Department of Pathology
University of Washington

J. Mark Tuthill, MD
Division Head, Pathology Informatics
Henry Ford Health System

Pathology Informatics Summit 2015 Poster Session Winners

1st Place
Dmitry Shin (Thursday)
EGFR-Sure Gold Nanorods Precisely Quantify EGFR Expression

2nd Place
Edward Lockhart (Wednesday)
A Clinical-Grade Variant Template Designed to Support Genomic Data Integration into Clinical Applications

3rd Place
Daniel Rhoads (Wednesday)
Feasibility of Using the Panoptiq Imaging System for Telemicrobiology
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 fifth year and JPI continues to grow with over 65 publications in the last 12 months. We continue to have high-quality pathology informatics articles being submitted. We have decided to move forward with the renewal of our contract with Medknow for a period of three years. 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.


Editors-in-chief are [Anil V. Parwani](#) and [Liron Pantanowitz](#), University of Pittsburgh School of Medicine, Department of Pathology, Pittsburgh, PA.

The following are the PubMed listed articles from July 1, 2014 through June 30, 2015

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**Most-viewed original research article for FY15 published in the *Journal of Pathology Informatics***


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The University of Pathology Informatics (UPI) is a joint initiative sponsored by the American Society of Clinical Pathology and the Association of Pathology Informatics. The goals of the initiative is the creation of an educational offering around pathology informatics that applies to all of the roles in the laboratory, including both practicing professionals and trainees (i.e. medical technologists, histotechnologists, residents, physicians in practice, and administrators). The leadership committee this past year worked hard to define scope of the coursework, approved the curriculum blueprint, and developed the UPI curriculum map. We also recruited volunteers for work groups for content development around our four curriculum pillars (Information Fundamentals, Information Systems, Workflow and Process, and Management and Governance). These workgroups have been hard at work developing the content that will be available at the launch of the course. In addition several API members have had presentations recorded at both the API Summit held last May in Pittsburgh and the recent ASCP Annual Meeting in Long Beach which will be made available as part of the UPI online course offerings. The launch of the UPI educational offering had been originally slated to launch in October at the ASCP Annual meeting, but had to be delayed due to the ASCP’s transition to a new learning management system. All indications are that the UPI will now launch in the spring around April, 2016. We also recruited volunteers for work groups for histotechnologists, residents, physicians in practice, and administrators.


Update on The University of Pathology Informatics (UPI)

The University of Pathology Informatics (UPI) is a joint initiative sponsored by the American Society of Clinical Pathology and the Association of Pathology Informatics. The goals of the initiative is the creation of an educational offering around pathology informatics that applies to all of the roles in the laboratory, including both practicing professionals and trainees (i.e. medical technologists, histotechnologists, residents, physicians in practice, and administrators). The leadership committee this past year worked hard to define scope of the coursework, approved the curriculum blueprint, and developed the UPI curriculum map. We also recruited volunteers for work groups for content development around our four curriculum pillars (Information Fundamentals, Information Systems, Workflow and Process, and Management and Governance). These workgroups have been hard at work developing the content that will be available at the launch of the course. In addition several API members have had presentations.
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Editors-In-Chief: Liron Pantanowitz, M.D. & Anil V Parwani, M.D., Ph.D., MBA

Visit http://www.jpathinformatics.org/ and click on “Submission”

Cost of Publication: FREE for API Members
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About JPI

The Journal of Pathology Informatics (JPI) is an open access peer-reviewed journal dedicated to the advancement of pathology informatics. The journal aims to publish broadly about pathology informatics, guidelines & symposia and freely disseminate all articles worldwide. JPI is of interest to pathologists, informaticians, academics, researchers, health IT specialists, information officers, IT staff, vendors, and anyone with an interest in informatics. We encourage submissions from anyone with an interest in the field of pathology informatics.

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JUNIOR EDITORS
Navid Farahani
Los Angeles, CA, USA
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.

In FY15, API offered 2 new levels of Teaching Institutional Membership in addition to the Basic Membership. Expanded and Premium memberships are now also available.

**FY15 TEACHING INSTITUTIONAL MEMBERS:**

<table>
<thead>
<tr>
<th>Membership Level</th>
<th>University Name</th>
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<td>North Shore—Long Island Jewish Health System Department of Pathology</td>
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**TEACHING INSTITUTIONAL MEMBERSHIP BENEFITS INCLUDE:**

- Two mentor-educator memberships as sustaining members of API and sustaining membership for the department chair
- Four trainee memberships in API
- Discounted registration for the national meeting, Pathology Informatics, including an API presidents’ trainees lunch
- No-cost publication of accepted articles in the Journal of Pathology Informatics (JPI)
2014 API Lifetime Achievement Award

The Association for Pathology Informatics presented its Lifetime Achievement Award for 2014 to Thomas Lincoln, M.D. at the ASCP 2014 annual meeting in Tampa. The presenter was Dr. Rodney Schmidt.

Dr. Lincoln had been a faculty member for over 3 decades in the Department of Pathology at the Keck School of Medicine of University of Southern California, quickly rising to the rank of Professor, specializing in medical informatics. In 1981, he directed the implementation of comprehensive laboratory information systems at the LAC/USC Medical Center, one of the largest/most complex hospital laboratories in the United States. He served as Chief of Clinical Information Systems at Los Angeles County/University of Southern California Medical Center. He also served as a scientist at the RAND Corporation, beginning in 1967, focusing on computer applications in the fields of medicine and healthcare. From 1995 to 1996 he was Consultant Chief Scientist for Sunquest Information Systems in Tucson AZ. Between 1997 and 2000 he served as Research Professor of Medical Informatics in the School of Biomedical and Health Information Sciences at the University of Illinois at Chicago, working with the HL7 XML SIG and PRA (Patient Record Architecture) Technical Committee on XML applications for healthcare messaging and record formatting.

Dr. Lincoln served as a key informatics faculty member of the CAP and ASCP national meetings from the 1970’s thru 1990’s. He has published articles focused on a range of topics but with most in reference to improvements of the clinical laboratory and in them including some of the earliest articles in the literature making specific reference to medical informatics and the electronic medical record. A seminal 1980 article in Science entitled “Computers, Health Care, and Medical Information Science” helped define the specialty of Clinical Informatics. In a 1983 JAMA article entitled: “Ready! Fire! … AIM! An Inquiry into Laboratory Test Ordering”: “We concluded that the improved use of thyroid tests was due to the new request form and that education had little, if any, effect on test-ordering behavior.” … “ In computerized laboratories that provide access to the data base of laboratory tests, clinical pathologists can identify patterns of illogical or excessive test use; by virtue of the medical expertise and detailed knowledge of laboratory measurement, they have the requisite professional skills to design appropriate testing protocols to replace poor ordering procedures.” This statement rings true in 2015 too, 30 years later … and anticipates the opportunities the opportunities afforded by online ordering. In the era of online ordering … and order sets … the ability to guide ordering (with or without an education component) has come full circle.

Dr. Lincoln was Emeritus Professor in the Department of Pathology at the University of Southern California. He died on March 1, 2016.


2015 API Lifetime Achievement Award

The Association for Pathology Informatics presented its Lifetime Achievement Award for 2015 to Robert McGonnagle at the Pathology Informatics Summit 2015 meeting in May in Pittsburgh. The presenter was Dr. Ray Aller.

Mr. McGonnagle has been involved with the Publications Division of the College of American Pathologists publications since 1982, beginning as a freelance contractor. He is now Senior Director and Publisher of the College’s CAP Today and Archives of Pathology and Laboratory Medicine. Bob recognized the critical role of informatics in pathology and medicine early in its evolution and solicited and published frequent, relevant articles in CAP Today. He has helped advance the field of pathology informatics by informing CAP Today readers about new and evolving technology and about the role of the pathologist in developing and overseeing the technology.

Bob has also been a strong supporter and promoter of various pathology informatics conferences including the Lab InfoTech Summit and Advancing Practice, Instruction, & Innovation through Informatics (APIII). These two meetings were merged in 2010 as the API’s “Pathology Informatics Summit” and Bob has continued his roles in this conference. He has for years served as a moderator for conference sessions and, most recently, has been serving as the moderator of the popular “Town Hall Summit” where emerging and hot-button topics are discussed.
LIS Functionality Toolkit (LIS-FAT): Description of the Project and Progress to Date

The germ of the idea to initiate the LIS Functionality Toolkit project was arrived at during and immediately after the Strategic Summit, a mini-conference presented by the API on June 8, 2012, in Pittsburgh. This event was planned to discuss the future of laboratory information systems (LISs) and pathology informatics in an era when electronic health records (EHRs) seemed to dominate the hospital IT landscape. The conference was generously underwritten by four healthcare software vendors, SCC Soft, Sunquest, McKesson, Cerner with additional contributions from ARUP Labs, General Data, Lifepoint Informatics, and PathCentral.

A key underlying assumption behind this idea was that optimizing LIS functionality was a key factor in the continuing success of these systems in the face of EHR competition. Such functionality was necessary to enhance the productivity and efficiency of pathology and the clinical labs as well as that of the health systems of which they were embedded. It should be noted that the large annual four-day API conference of the API that was held in May, 2014, was renamed the Pathology Informatics Strategic Summit and should not be confused with the small, invitation-only event held in June of 2012.

A Task Force was formed in the Summer of 2012 following the mini-conference composed of Bruce Friedman, Ulysses Balis, Mark Tuthill, and Andy Splitz. It was tasked with deciding what action the API needed to take to ensure the continuing success and high level of functionality of the LISs available in the commercial market. During its deliberations in the latter half of 2012 and 2013, the Task Force decided that its primary goal should be to develop a set of tools that could be used to assess the functionalities of any LIS in the market. This set of tools came to be known as the LIS Functionality Toolkit (LIS-FAT). Here is a description of the four components of the LIS-FAT as described in the narrative report that was the first component of LIS-FAT:

- A narrative report that provides information about how to search for a new LIS among the systems available in the market and develop a request for proposal (RFP) which is commonly used to manage system selection.
- A list of approximately 850 weighted functionality statements (FSs), some of which can be integrated into the RFP submitted to the competing LIS vendors as part of a system selection process. (Appendix I) Participating vendors are required to reference each of these FSs as to its availability in their LIS.
- A list of suggestions for scripted scenarios derived from the functionality statements in Appendix I. These scenarios can be used to guide the competing vendors during the on-site live demo’s that are part of the LIS purchasing cycle.
- Worksheet guidelines that can be used to calculate the total cost of ownership (TCO) of an LIS or compare TCOS across several LISs. Such calculations are important if it has been demonstrated that the LIS chosen for installation in a hospital lacks specific functionalities.

The public launch of LIS-FAT occurred on September 12, 2013, when Bruce Friedman introduced LIS-FAT in a plenary lecture that was one of the numerous API presentations in the ASCP annual conference in Chicago. Simultaneous with this lecture, the four components of LIS-FAT just described were posted on the API web site and made available at no charge for download by any interested individuals. Over the ensuing months, LIS-FAT has been warmly received by the pathology community and LIS vendors. Appendix I, the list of 850 functionality statements, has been downloaded about 4,000 times.

The LIS-FAT Task Force is currently working on a plan to determine the “next steps” for the LIS-FAT project. At the top of the list is the need to develop additional functionality statements in areas that were not given sufficient attention in the first edition such as lab outreach and molecular/genomic testing. Moreover, the Task Force has observed with interest that many LIS vendors have developed their own corporate responses to all of the functionality statements for review by current and potential customers. It is the sense of the Task Force that LIS-FAT seems to be attaining the status of a quasi-standard for LIS functionality. This response by LIS vendors is viewed as a very positive outcome to LIS-FAT in the sense that the LIS vendors are actively seeking to reach for the high standard for LIS functionality established by the documents. Additional future plans for LIS-FAT include a Task Force meeting at the ASCP annual conference in September in Tampa that will be also open to all interested parties including vendor representatives. There will also be at least one LIS-FAT lecture at the Pathology Informatics Summit that will be held in May 4-8, 2015, in Pittsburgh.

LIS Functionality Toolkit Stats to Date:

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<th>Toolkit Page</th>
<th>White Paper</th>
<th>Appendix I</th>
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<td>288</td>
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<td>11/01/2014-01/07/2015</td>
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<td>352</td>
<td>113</td>
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<td>574</td>
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<td>06/07/2015-09/12/2015</td>
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<td>839</td>
<td>425</td>
<td>403</td>
<td>342</td>
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</tbody>
</table>

Totals | 8,043 | 3,686 | 6,772 | 3,120 | 2,644 | 3,176 | 1,825 | 1,513 | 56.27% | 2076 | 1405 | 1131 | 41.73%
API and Sunquest Continue Partnership to Offer Free Webinars to API Members

The API-Sunquest Pathology Informatics Webinar Program is now entering into its third year as a close collaborative effort between the API and Sunquest Information Systems. The first two years were highly successful, attracting an average of more than 100 registrants per event. Members of the API Education Committee select the speakers and topics and Sunquest personnel provide technical support and assist in the marketing campaign for the series. API members and members of the Sunquest user group as the primary targets for marketing campaign but anyone can register for the free events.

The first event of this year was a lecture entitled How Digital Pathology Will Change the Workflow of Surgical Pathology. It was presented by Liron Pantanowitz of UMPC on September 22, 2015. This will be followed by two more lectures in subsequent months by Wally Henricks of Cleveland Clinic on EHR information exchange and by Bruce Levy, University of Illinois at Chicago, who will lecture on some of the details about pathology informatics fellowships. A total of eight or nine lectures are planned for 2015-2016. The series will culminate with the Pathology Informatics Summit on 23-26 May, 2016, with a set of real-time broadcasts from Pittsburgh, perhaps involving API faculty members who had participated in the webinar lecture series. The schedule for the entire webinar series will be released soon to API members. Sunquest is one of the major corporate underwriters of the PI Summit and the webinar series is an extension of that growing relationship.

API members can access previously recorded API-Sunquest Webinars on the API website after logging into their online account. The API-Sunquest webinars presented in FY15 were:

Using Pathology Informatics to Optimize Lab Efficiency and Quality in an Era of Healthcare Reform
Date: Tuesday, September 9, 2014 at 1 PM EDT/10 AM PDT
Presenter: Bruce A. Friedman, MD, Active Emeritus Professor of Pathology, University of Michigan Medical School and President, Pathology Education Consortium.

Computational Pathology:
IT Support for Basic Research in Pathology
Date: Wednesday, October 15, 2014, at 1 PM EDT/10 AM PDT
Presenter: Michael J. Becich, MD, PhD, Chairman and Professor of Biomedical Informatics and Pathology, University of Pittsburgh School of Medicine

Crossing Omic Chasm—Why Is It So Hard?
Date: Wednesday, December 11, 2014, at 1 PM EDT/10 AM PDT
Presenter: Justin Starren, MD, PhD, FACMI, Associate Professor of Preventive Medicine and Medical Social Sciences at the Northwestern University Feinberg School of Medicine

Deploying Analytic Software in Your Lab for Management Support
Date: Tuesday, January 13, 2015, at 12 PM EDT/9 AM PDT
Presenters: Dennis Winsten, MS, FHMIMSS, FCLMA, President, Dennis Winsten & Associated, Inc. Hal Weiner, MBA, President, Weiner Consulting Services, LLC

10 Years of Direct Access Genetics: What Have We Learned?
Date: Thursday, February 19, 2015, at 12 PM EDT/9 AM PDT
Presenter: Jill Hagenkord, MD, FCAP, Chief Medical Officer of 23andMe

Digital Pathology Meets Surgical Pathology
Date: Thursday, March 5, 2015, at 1 PM EDT/10 AM PDT
Presenter: Stephen M. Hewitt, MD, PhD, FCAP, FASCP, Clinical Investigator in the Laboratory of Pathology, Center for Cancer Research, National Cancer Institute

API Budget (FINAL June 30, 2015)

<table>
<thead>
<tr>
<th>REVENUE</th>
<th>EXPENSES</th>
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<tr>
<td>Corporate Contributions</td>
<td>Accounting Fees $925</td>
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<tr>
<td>(included in Travel Awards)</td>
<td>Professional Fees - Consulting $23,325</td>
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<td>Individual &amp; Business Contributions $25</td>
<td>Website Maintenance $7,750</td>
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<td>Unrestricted Contributions $5003</td>
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<td>Books and Journals $9,855</td>
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<td>Meeting Sponsorships $179,000</td>
<td>Other Expenses $18,000</td>
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<td>Program Income $97,750</td>
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<td><strong>TOTAL REVENUE $362,091</strong></td>
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<td>Travel and Meetings $171,771</td>
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<td>Equipment Rental and Maintenance $1,926</td>
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<td>Travel Awards $18,050</td>
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<td><strong>TOTAL EXPENSES $325,779</strong></td>
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<td></td>
<td><strong>NET REVENUE/(LOSS) $36,312</strong></td>
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The Pathology Informatics Summit 2015 (PI Summit) and 2nd World Congress on Pathology Informatics (WCPI) was held at the Wyndham Grand Downtown, Pittsburgh, PA May 5-8, 2015. The meeting was composed of three workshops, three parallel tracks of short lectures, punctuated by plenary lectures with WCPI designated sessions over the course of 4 days. In addition, this year we have 36 scientific posters and 46 short scientific oral presentations. Of the total of 54 oral presentations submitted, 8 have been promoted to a third track of formal podium presentations. This year, the PI Summit moved from electronic poster back to a paper poster format which was well-received. The API Council and PI Summit Planning Committee were pleased 18 travel awardees were able to attend the meeting thanks to contributions made by API individual members and partner organizations.

The field of pathology informatics continues to grow in scope not only in the U.S., but around the world, therefore both the PI Summit Planning Committee and the API Governing Council wanted to expand on the international arena of pathology informatics, as exemplified by the 1st World Congress on Pathology Informatics held in Brisbane, Australia in 2007, which was the impetus for showcasing the international pathology informatics achievements and issues, by including the 2nd World Congress on Pathology Informatics as part of the meeting.

The WCPI consisted of a dedicated plenary session on Wednesday May 5, 2015 which focused on Pathology in Proactive Healthcare and extensions of this theme and involvement of international speakers were also present in other lectures throughout the PI Summit. The HIMA workshop held on Tuesday May 4 featured a number of international participants, and throughout the Summit any topic sessions and plenary sessions related to international topics or by non U.S. resident speakers were designated as a WCPI session.

The WCPI plenary speakers brought different perspectives from around the world to look at how the laboratory and its informaticists could and should play their part in the new order. The following areas were explored:

- **Precision pathways** – information rich systems biology, new taxonomy, networks, models & complexity, ‘omics & phenome-genome correlation
- **Personalization** – personal health record, personal pathways, pharmacogenomics, self-monitoring
- **Prediction** – statistical thinking, screening by questionnaire, dynamic modelling, big data analytics, knowledge banks & mining, openness, transparency & bias exposure, complex clinical decision support
- **Prevention** – population surveillance, bioindicators, app prescription, in-utero screening, early personalized intervention
- **Participation** – on-line patient communities, crowd discovery, collaborative guideline development – wikimedicine, shared decision making, internet search, digitization enabled democracy, information commons & co-opetition
- **Performance** – integrated measurement, peer feedback, quality systems, workflow embedded guidelines and care plans, pay-for-success contracting

The dates for both Pathology Informatics Summit meetings are already established:

- **PI-SUMMIT 2017**, MAY 22-25, 2017

*Both held at the Wyndham Grand Pittsburgh Downtown, Pittsburgh, PA*
The API worked closely and collaboratively with the College of American Pathologists (CAP) and the Program Directors Section (PRODS) of the Association of Pathology Chairs (APC) to develop a pathology informatics instructional resource (PIER) which is available, free of charge, to all pathology residency programs. PIER is a research-based instructional resource developed by the APC, API and CAP that presents training topics, implementation strategies and resource options for PRODS and faculty to effectively provide informatics training to their residents and meet ACGME informatics milestone requirements.

Successful implementation of PIER is intended to help residency programs provide a sufficient pipeline of residents trained in pathology informatics knowledge and skills required now and in the future.

PIER Release 1 began its one-year alpha testing phase by residency programs in November 2014. It provides (1) up-to-date and validated pathology informatics knowledge and skill set objectives; (2) flexible delivery options that can be adapted by program size, needs and level of faculty expertise; and (3) topic organizers, objectives, milestone levels, rotation planning, practical clinical applications, and existing learning resource options. PIER provides a framework for residency programs to provide informatics training to their residents. The content and implementation strategies are closely aligned with the ACGME “Milestones” requirements. Representative alpha test residency programs collaborated in the optimization of the instructional materials beginning in November, 2014. The work group which developed the materials will provide updates and supplementation.

View PIER online at APCprods.org/PIER

API at ASCP 2014 in Tampa

API sponsored over twenty hours of informatics content at the 2014 ASCP meeting in Tampa. This was the second year in which API has formally worked with ASCP to provide select informatics topics for the ASCP’s annual meeting. In addition to the informatics topics that were delivered as lectures, sessions were also presented in a round table forum which allowed more focused attention to topics of interest for meeting participants. API’s president, Dr. Rodney Schmidt, presented API’s 2014 informatics “Lifetime Achievement Award” to Dr. Thomas L. Lincoln, MD, Emeritus Professor in the Department of Pathology at the University of Southern California. This award is given annually to an informaticist who has made outstanding career contributions to the field of pathology informatics. API also hosted a membership/business meeting, open to the public at the meeting.

API at ASCP 2015 in Long Beach

API provided 21 hours of informatics content at the 2015 ASCP meeting in Long Beach. This marked the third year the API’s partnership with the ASCP to sponsor select informatics topics for the ASCP’s annual meeting. The API again provided round table forums to permit more concentrated focus on topics of interest for meeting participants along with the speaker lectures during the course of the meeting. API held an open/public membership/business meeting at the meeting.

University of Pathology Informatics: API – ASCP Education Initiative

The API in conjunction with the ASCP launched the University of Pathology Informatics initiative to spearhead the development of targeted informatics education resources applicable to the lab community, specifically to train the community on critical informatics topics as it applies the practice of pathology and laboratory medicine. The leadership committee, headed by Dr. Michael Riben, kicked off activities in March, 2014 and had a Face-to-Face meeting at the Pathology Informatics in May. The leadership committee is working to design, develop and deploy a certificate program that addresses pathology informatics competencies, skills and knowledge for physicians, laboratory professionals, administrators, and trainees. Our current activities have focused on (1) performing a gap analysis survey to identify educational needs of the community, (2) prioritizing and recommending content programs based on this gap analysis, and (3) organizing and coordinating subgroups that are developing content. The survey was launched in September, 2015 to the laboratory community and hope to obtain feedback from interested parties to help shape and direct the content of the program. The program launch date is planned for March-May, 2016.
API Distinguished Service Award 2015: Barbara Karnbauer

The Association for Pathology Informatics presented its Distinguished Service Award for 2015 to Barbara Karnbauer at the Pathology Informatics Summit 2015 meeting in May in Pittsburgh. The presenters were Drs. Rodney Schmidt, Mark Tuthill, and Bruce Friedman.

This award recognized the outstanding contributions and tireless efforts in the planning, coordination, and execution of national and international Pathology Informatics meetings sponsored by API during the past 18 years. She truly was the “glue” that allowed for successful meetings during this long time frame. She served as a key member of the Conference staff between 1996 and 2014 and became Senior Course Director in 2008. Barb “retired” from her Course Director position after our 2014 meeting but continues to play a critical advisory and “institutional memory” role for the meeting.

API to Sponsor Awards at USCAP 2016

The API is pleased to announce that it will again be sponsoring two Association for Pathology Informatics President’s Pathologist-In-Training Awards at the 2016 USCAP Companion Meeting:

• Award for Best Poster at $300
• Award for Best Platform at $300

API to Sponsor Awards at USCAP 2016

For more information, please visit PathologyInformatics.org.