

2021

Annual Report

American Board of Pathology

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4830 West Kennedy Boulevard
Tampa, Florida 33609
<https://www.abpath.org>



The American Board of Pathology (ABPath) was established in 1936 to advance the specialty of pathology and ensure the competence of pathologists for the benefit of the public. Certification by the ABPath is a hallmark of public and professional trust. As we face new challenges in healthcare, the vital role of board-certified pathologists is more important than ever. Our Mission and Vision statements exemplify our commitment to promote excellence in pathology and maintain the highest standards of care.

MISSION

The mission of the American Board of Pathology, a member of the American Board of Medical Specialties, is to serve the public and advance the profession of pathology by setting certification standards and promoting lifelong competency of pathologists.

VISION

The American Board of Pathology improves the health of the public by promoting excellence in the practice of pathology.

STRATEGIC GOALS

1. Identify and implement relevant and meaningful processes for the assessment of residents and fellows in initial certification programs.
2. Increase the value of Continuing Certification programs by promoting lifelong learning, creating relevant assessments, and supporting diplomates in their efforts to stay current in their area of practice.
3. Increase diplomates' and other stakeholders' satisfaction with and perceived value of ABPath and certification.
4. Develop infrastructure and implement processes that support and promote strategic and organizational effectiveness.
5. Ensure long term financial viability of the ABPath.
6. Increase the effectiveness of the Board of Trustees.



**MISSION
VISION
GOALS**

TABLE OF CONTENTS +

01 MISSION, VISION AND GOALS	2
02 MESSAGE FROM PRESIDENT	4
03 HIGHLIGHTS FROM 2021	6
04 FINANCIALS	11
05 BOARD CERTIFICATION EXAMINATIONS	14
06 NEWLY CERTIFIED DIPLOMATES	20
07 PUBLICATIONS	26
08 COOPERATING SOCIETIES	28
09 VOLUNTEERS	30
10 ABPATH STAFF	36
11 CONTACT INFORMATION	38

MESSAGE FROM THE PRESIDENT

Edward Ashwood, MD
ABPath President 2021



In 2021 the world entered the second year of the COVID-19 pandemic. The ABPath trustees and staff adapted smoothly to a transformed life, working mostly remotely and effectively. While the Spring and Fall board meetings were held remotely, the Board took advantage of a lull in SARS Corona Virus-2 infections in August to hold a retreat in

Newport, Rhode Island. With the assistance of testing expert John Boulet, PhD, and our staff psychometrician, Tyler Sandersfeld, PhD, the trustees took a deep dive into the science of assessment, including such topics as modified Angoff standard setting and Rasch calibration. I'm pleased to report that the scoring of our board exams is fair and solidly defensible. Because subject matter experts determine a passing standard, every exam candidate can pass, and every candidate can fail. Tyler also presented the results of a differential item functioning study, comparing microscopy of glass slides to Virtual Microscopy (VM) using whole slide imaging. Overall, the study demonstrated that VM was comparable to glass. At this meeting, the trustees were pleased to honor Michael A. Jones, M.D. and James R. Stubbs, M.D. as Life Trustees for their many contributions to the Board. Replacing Drs. Jones and Stubbs are new trustees Mark Fung, MD, PhD and Matthew Wasco, MD.

The 2020 post-exam survey of diplomates showed that they overwhelmingly supported remote testing in commercial testing centers. To improve that process, the 2021 exams were moved to a testing company having widely available centers. Relying on virtual microscopy and our IT staff's amazing abilities, future exams will be remote, and candidates will not suffer from the jetlag of travel to Tampa or Tucson. The 2021 post-exam survey results soundly supported this move.

The May cooperating societies meeting was remote and devoted to diversity, equity, and inclusion (DEI). Debra G. Leonard, MD, PhD presented a session entitled "Is Race Genetically Based? And Why We Should Care?" Valerie A. Fitzhugh, MD reviewed the DEI statistics for pathologists. Carla L. Ellis MD, MS led a session focusing on the needs of a diverse pathology faculty. At the next board meeting, the trustees decided to begin the collection of candidate and diplomate demographic data (gender, race, and ethnicity) to allow the analysis of pathologist diversity.

During our Summer and Fall Board meetings, we returned our focus to the core content of pathology education. ABPath then initiated work with the Cooperating Societies to define a core curriculum. We are also inter-

ested in establishing in-training assessments using ABPath CertLink®. This will complement the ASCP Resident In-Service Exam (RISE) and assist residency program directors in their evaluation of trainees' progress and gaps.

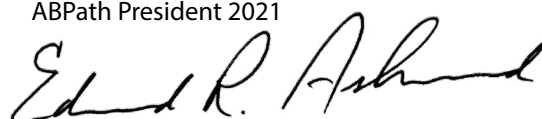
The year included the expansion of Continuing Certification, as ABMS approved our request for elimination of the ten-year CC exam, replacing it with ongoing assessment using ABPath CertLink. The new process is both summative (evaluates diplomates) and formative (educates diplomates), establishing a lifelong ABPath relationship with every newly certified pathologist.

As 2021 ended, a sense of nostalgia enveloped the trustees as Dr. Rebecca Johnson retired as CEO. We were not able to celebrate her tenure until May 2022. However, I'm excited to report that during 2021 Dr. Johnson was successfully elected to leadership positions in two organizations – the American Board of Medical Specialties (ABMS chair-elect) and the College of American Pathologists (CAP governor). How wonderful and comforting that ABPath's "retired" CEO continues to impact our specialty by serving ABMS and CAP. It's been terrific having Rebecca on our team and knowing that she will continue to advance the profession of pathology.

Dr. Gary Procop has successfully transitioned from past trustee to our new CEO. Dr. Procop is an internationally renowned pathologist with expertise in microbiology. He is enthusiastic about the future of our Board and its ability to impact the specialty and the practice of medicine. Under his leadership, we will certify the next generation of pathologists, who will have a relationship with ABPath throughout their careers.

With much confidence, I passed the presidential gavel to Jeffery Goldstein, MD. His strong leadership will guide us well into the future. My ABPath service includes nine years as a trustee and 19 years as a TDAC member on three committees. I am honored to have served as your 2021 ABPath President and look forward to in-person meetings and healthier times.

Edward Ashwood, MD
ABPath President 2021





**2021
IN REVIEW**

2021 HIGHLIGHTS

Rebecca L. Johnson, MD

A Reflection on the Transformative Changes at the ABPath During her Tenure

Rebecca L. Johnson, MD, retired at the end of 2021 after her nine-year tenure as CEO of the American Board of Pathology (ABPath). Dr. Johnson began her time with the ABPath as a member of the Clinical Pathology Test Development and Advisory Committee. She went on to serve the Board for the next 11 years as a Trustee, Treasurer, and President. She was appointed as CEO of the ABPath in 2013 and because of her leadership and insight ABPath markedly improved the certification and continuing certification programs for practicing pathologists during that time. Through her work engaging with diplomates and residents, she has given them a voice in the evolution of the certification programs and changed the face of the Board.

Among Dr. Johnson's many accomplishments at the ABPath, she introduced and piloted ABPath CertLink®, a program for diplomates' continuous assessment and improvement, which became a replacement for the 10-year Continuing Certification (CC) exam. When COVID 19 hit she saw the Board through the shift from using the ABPath Tampa exam center to the use of commercial exam centers for Primary and Subspecialty exams. She also led ABPath through the implementation of ACCME PARS to reduce the burden of diplomates' CC reporting of CME. Additionally, new policies were updat-

ed and created to reflect the changing times, such as our Parental, Caregiver, and Extended Medical Leave policy and autopsy requirements for certification. With the feedback from our diplomates, residents and fellows, she spearheaded a movement to improve ABPath communications, transparency, customer service, and interactions.

Dr. Johnson led the staff with a positive outlook, compassion, and generosity. Her dedication to the ABPath mission was steadfast in all she accomplished. She continues to serve the profession of pathology through leadership positions with CAP and ABMS.



Gary Procop, MD, MS Selected to be Chief Executive Officer of the ABPath

At the end of 2021, ABPath welcomed a new CEO Gary W. Procop, MD, MS. Dr. Procop oversees all aspects of the ABPath's initial and continuing certification programs and will guide the organization through its successful ongoing program improvements.

Dr. Procop is highly regarded in the pathology community with expertise in microbiology and infectious disease pathology. He is recognized for his work in laboratory stewardship and with the education of trainees and ongoing education of diplomates. Prior to his position with the ABPath, Dr. Procop was a Medical Director in Clinical Microbiology and an Infectious Disease Pathologist at the Cleveland Clinic. He held the Belinda Yen-Lieberman PhD and James Lieberman MD Endowed Chair in

Clinical Microbiology and was the Director of Molecular Microbiology, Virology, Mycology, and Parasitology laboratories and the Vice Chair for Education. He is past Chair of the Departments of Clinical and Molecular Pathology and past Section Head for Clinical and Molecular Microbiology.

Dr. Procop has provided many years of service to the ABPath as a Trustee from 2007-2018 and served as President in 2016, Vice President in 2015 and Secretary in 2013-2014. He is board certified in Anatomic and Clinical Pathology, and Medical Microbiology.



Dr. Jones and Dr. Stubbs Honored as Life Trustees

The ABPath honored Michael A. Jones, MD and James R. Stubbs, MD as Life Trustees for their many contributions to the Board. They were awarded the Life Trustee plaques by Dr. Edward Ashwood, President at the 2021 Summer Board of Trustees meeting.

Dr. Jones was a Trustee of the ABPath from 2013-2020 and served as Vice President in 2020 and Treasurer in 2018-2019. His responsibilities at the ABPath included Chairperson, Test Development and Advisory Committee for Anatomic Pathology and Neuropathology, and Chairperson, Maintenance of Certification Committee, Finance and Audit Committee, Investment Task Force, and Strategic Planning Committee.

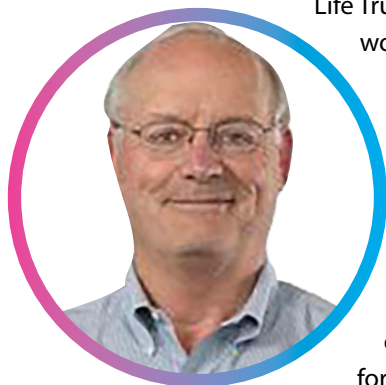
Dr. Jones is the former Chief of Pathology and Laboratory Medicine at Maine Medical Center in Portland, Maine and Clinical Associate Professor of Pathology at Tufts /Maine Medical Center Medical School. He has been recognized as an early advocate for bio-banking as major advances have been made in molecular medicine.

Dr. Stubbs was a Trustee of the ABPath from 2009-2020 and served as President in 2017, Vice President in 2016 and Treasurer in 2014-2015. His responsibilities at the ABPath included Chairperson for the ABPath's Blood Banking/Transfusion Medicine Test Development & Advisory Committee, Finance Committee, Investment Task Force, Communications Task Force. He was also the Chairperson for the AC-GME Review Committee.

Dr. Stubbs is a Consultant in the Division of Transfusion Medicine at Mayo Clinic Rochester (MCR), Professor of Pathology, and has been Chairman of the Division of Transfusion Medicine at MCR since 2005. He also serves as the Medical Director of the Transfusion Laboratory and the Operational Support Unit within the Division of Transfusion Medicine. He is the Medical Director of the Laboratory Compliance and FDA-Regulated Manufacturing Activities Offices for the Mayo Clinic Enterprise and is the Physician Liaison for the Mayo Clinic Infusion Therapy Center at MCR.



James R. Stubbs, MD



Michael A. Jones, MD

ABPath Statement about Medical Disinformation

As physicians and board-certified pathologists, we have a public trust, a social contract with society. We must be accountable to patients, society, and the profession. Professionalism requires that we adhere to high standards, maintain competence, act with integrity, and provide expert advice to patients and society on matters of health. Intentional spread of health misinformation (including disinformation about COVID-19, vaccines, and treatment), ignoring or subverting science, and making unscientific claims undermine the public trust and jeopardize patient health.

ABPath is committed to the application of evi-

dence-based scientific knowledge and technology, upholding scientific standards, promoting research, and to creating new knowledge and ensuring its appropriate use. In 2021, the ABPath issued a public statement about certified pathologists promulgating medical disinformation.

The full statement can be found at:

<https://www.abpath.org/index.php/announcements/556-american-board-of-pathology-statement-about-certified-pathologists-promulgating-medical-disinformation>

Transition to Certification Exams at Commercial Testing Centers

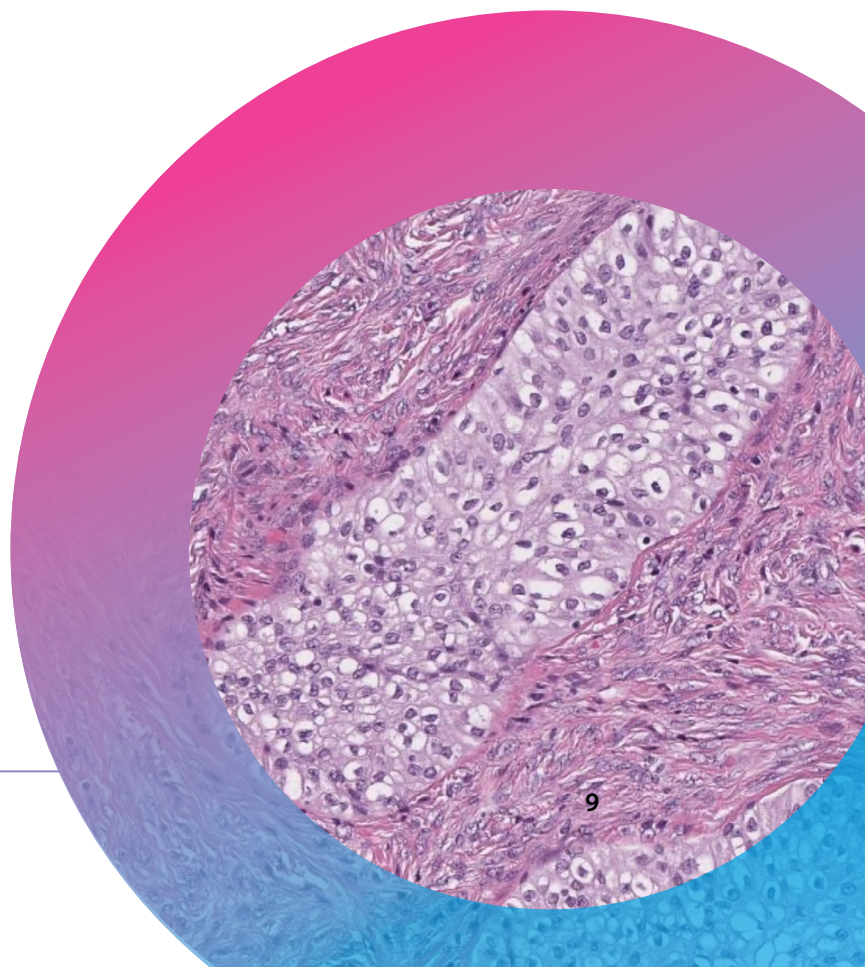
In August 2021, the ABPath announced that all future Primary and Subspecialty certification exams would be administered exclusively at commercial testing centers. The ABPath Tampa exam center has been closed and will no longer be used for administering certification exams.

At the start of COVID-19, ABPath decided to temporarily administer exams remotely so that candidates could take exams in a safe environment and avoid traveling to Tampa, FL or Tucson, AZ during the pandemic. After careful consideration and a successful pilot year of exam administration at Pearson VUE Professional Test Centers, the ABPath approved the administration of Primary and Subspecialty exams at commercial testing centers.

Virtual Microscopy

Moving the administration of ABPath certification exams to commercial testing centers meant a transition to the use of Virtual Microscopy (VM) technology for viewing all microscopic images. The VM technology is not new to ABPath exams; the ABPath had been using VM for a portion of the exams since the early 2000s.

To familiarize candidates with the VM technology, ABPath created a new website with practice questions so candidates have the opportunity to become familiar with the VM functionality for viewing microscopic images. Candidates can visit the VM site anytime at <https://vmdemo.abpath.org/>



Changes to the Continuing Certification (CC) Program

In October 2021, the ABPath announced changes to the Continuing Certification (CC) Program that would begin in 2022. The changes reflect the ABPath's commitment to the continuous professional development of board-certified pathologists with a flexible program to meet the needs of today's busy physicians.

- All diplomates enrolled in the CC Program must participate in ABPath CertLink® (ABPCL). This will be the only option for meeting the CC Assessment requirement for maintaining certification. ABPCL is an online longitudinal assessment to facilitate learning and identify knowledge gaps for board-certified pathologists.

- ABPath will no longer administer a 10-year Continuing Certification exam.
- The expected performance standard for ABPCL will be 60% correct or greater, cumulative over four years.
- Two quality assurance activities are required during a two-year reporting period instead of one per year.
- The annual \$150 CC Program fee will be due by December 31st of each year.

For more details on the CC Program changes, see the updated 2022 CC Booklet of Information on our website at www.abpath.org.

ABPath CertLink (ABPCL)

In 2021, ABPCL became the official assessment for the Continuing Certification Program. In July of 2021, we introduced the upgraded ABPCL platform. Some of the enhancements included improvements to the log in process, more information displayed on the dashboard, the ability to update your profile information and improved user experience when answering questions.

- Number of diplomates participating in ABPCL at the end of 2021 was 10,639.

- ABPCL is successful due in part to the volunteer Item Writers who contribute questions to be used in the CertLink assessment. Board Certified pathologists have been encouraged to share their expertise in their specialty by volunteering to write questions. All submitted questions go through a review process for accuracy and completeness by subject matter experts in each discipline of pathology. In 2021, thirty-seven diplomates submitted questions to be used in ABPCL.

The logo for CertLink, featuring the word "CertLink" in a blue sans-serif font with a registered trademark symbol. A small green dot is positioned above the letter "i". The logo is centered within a white circle that is part of a larger, multi-colored circular graphic in the bottom left corner of the page.



**2021
FINANCIALS**

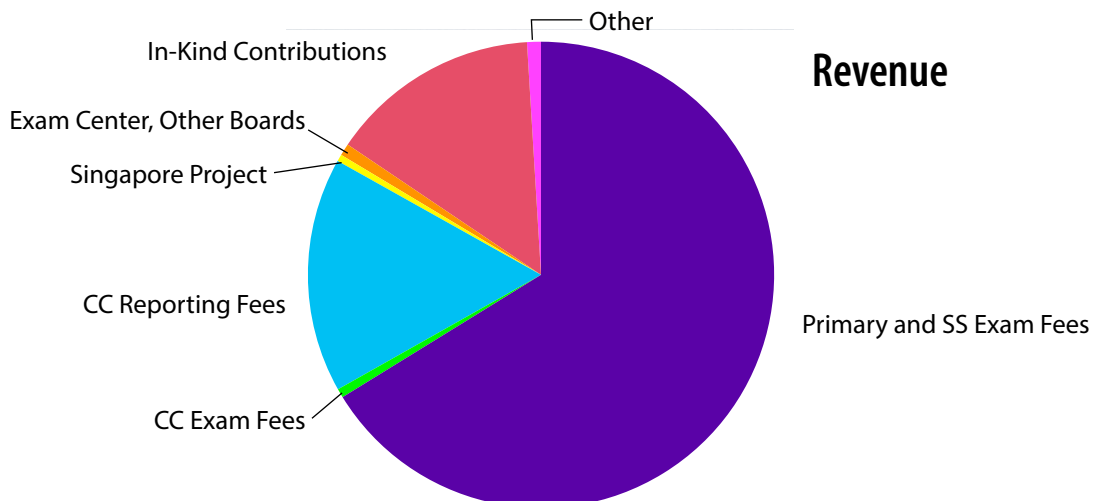
FINANCIAL REPORT FOR FISCAL YEAR 2021

Revenue

ABPath revenue is generated from multiple sources. Candidates pay examination fees for the Primary, Subspecialty, and Continuing Certification exams and diplomates pay a fee for administration of the Continuing Certification program. The ABPath supports three other boards for administration of their exams each year; the revenue is captured un-

der Exam Center Income. The Singapore Project is the support ABPath provides for pathologists' certification in Singapore. Examination questions are written by volunteer pathologists. Per the IRS, their services must be reported as an In-Kind Contribution (equivalent time a pathologist would be paid had they charged for these services).

Revenue		
Primary/SS Examination Fees, Net of Refunds	66.20%	\$ 3,368,150
CC Examination Fees, Net of Refunds	0.62%	\$ 31,700
CC Reporting Fees	16%	\$ 828,900
Exam Center Income	0.48%	\$ 24,390
Singapore Project	0.84%	\$ 42,500
In-Kind Contributions	14.60%	\$ 742,858
Other	0.96%	\$ 48,971
Total Revenue w/o Restrictions		\$ 5,087,469



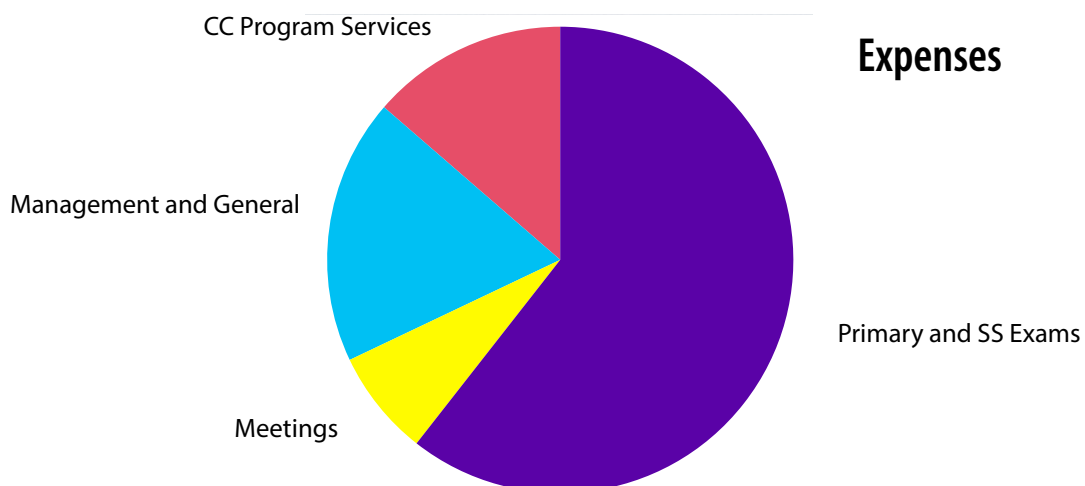


Expenses

Examination expenses cover the cost of credentialing candidates; the development, administration, and scoring of the exams, and reporting results. Meeting expenses include the travel and administrative expenses for volunteer test committee members and Trustees. Management and general expenses include employee salaries, ben-

efits, insurance, information technology support and licensing, facility and equipment rental and maintenance, ABMS member fees, and the cost of providing services to our diplomates, such as ACCME PARS. CC Program Services includes all of the above type expenses that are directly affiliated with the CC Program to include ABPath CertLink®.

Expenses		
Primary/SS Program Services		
Examinations	60.57%	\$ 3,596,534
Meetings	7.37%	\$ 437,477
Management & General	18.42%	\$ 1,093,872
CC Program Services	14%	\$ 809,914
Total Expenses		\$ 5,937,797





**SUMMARY OF
EXAMINATIONS**

ABPATH EXAMINATIONS FOR BOARD CERTIFICATION

- STATISTICS -

Administration History of ABPath Certification Examinations

ABPath offers four Primary certificates and 11 Sub-specialty certificates in pathology. This table reflects when we began offering each primary and subspe-

cialty certification and how many certificates have been issued from inception through 2021.

CERTIFICATION	Initial Year	Number of Certificates
Anatomic Pathology (AP)	1936	9,611
Anatomic Pathology and Clinical Pathology (AP/CP)	1936	24,766
Anatomic Pathology and Neuropathology (AP/NP)	1961	439
Clinical Pathology (CP)	1936	3,921
Blood Banking/Transfusion Medicine (BB/TM)	1973	1,615
Chemical Pathology (CH)	1951	182
Clinical Informatics (CI)	2013	185
Cytopathology (CY)	1989	4,769
Dermatopathology (DP)	1974	1,821
Forensic Pathology (FP)	1959	1,755
Hematopathology (HP)	1955	3,367
Medical Microbiology (MB)	1950	387
Molecular Genetic Pathology (MG)	2001	729
Neuropathology (NP)	1948	618
Pediatric Pathology (PP)	1990	595

Primary Certification Examinations

2021 Primary Examination Statistics

ABPath examinations are graded using the criterion-referenced method. For more information about

examinations, please refer to the ABPath website at www.abpath.org

2021 Primary Examination

	Total Candidates		First-Time Takers			Repeaters		
	#	% Pass	#	# Pass	% Pass	#	# Pass	% Pass
AP	798	77%	639	554	87%	159	64	40%
CP	651	91%	579	551	95%	72	43	60%

5-Year Certified Report

Primary	2017	2018	2019	2020	2021
APCP	498	485	451	397	533
AP only	72	78	58	73	105
CP only	50	43	40	25	55
APNP	14	11	10	8	17

Primary Exam Pass Rates

(% Pass = Spring exam pass rate)

Primary	2017 % Pass	2018 % Pass	2019 % Pass	2020 % Pass	2021 % Pass
AP only	90	89	82*	85	82
CP only	94	92	85*	88	94

*New criterion standard applied

To maintain the reliability and validity of the exams, ABPath conducts standard setting of each of the exams every three to five years by a committee of experts in the field to establish the criterion standard (passing or "cut-off" score). Criterion-referenced tests (CRTs) are intended to measure how well a person has learned a specific

body of knowledge and skills. The candidate's performance (i.e. mastery of the subject matter) is compared to the cut-off score and not to other test takers. Theoretically, all candidates could pass or fail depending on how they performed relative to the passing score.

Subspecialty Certification Examinations

2021 Subspecialty Examinations

	Total Candidates		First-Time Takers			Repeaters		
	#	% Pass	#	# Pass	% Pass	#	# Pass	% Pass
BB/TM	48	81	45	38	84	3	1	33
CH	-	-	-	-	-	-	-	-
CI	35	77	30	25	83	5	2	40
CYP	124	86	117	103	88	7	4	57
DP	45	87	43	38	88	2	1	50
FP	38	95	33	31	94	5	5	100
HEM	112	94	108	103	95	4	2	50
MMB	18	100	17	17	100	1	1	100
MGP	52	94	52	49	94	-	-	-
NP	31	90	31	28	90	-	-	-
PP	22	91	21	20	95	1	0	0
FPclinMB*	-	-	-	-	-	-	-	-

*FPclinMB = Focus Practice Designation-Clinical Microbiology

5-Year Certified Report

Subspecialty	2017	2018	2019	2020	2021
BB/TM	49	49	47	39	39
CH	1	2	1	2	-
CI	16	16	18	17	27
CYP	141	142	137	104	109
DP	43	52	45	34	41
FP	41	49	38	47	38
HEM	125	140	119	116	108
MMB	9	12	14	6	18
MGP	45	59	59	48	49
NP	17	15	12	17	11
PP	16	20	23	16	20
FPclinMB*	-	-	-	1	-

*FPclinMB = Focus Practice Designation-Clinical Microbiology

2021 Subspecialty Examinations Pass Rates

Subspecialty	2017 % Pass	2018 % Pass	2019 % Pass	2020 % Pass	2021 % Pass
BB/TM	89	89	96	89*	81
CH	100	100	100	100	-
CI	73	94	78	89	77
CYP	98	98	96	86*	86
DP	90	90*	98	95	87
FP	91	94	93	89*	95
HEM	98	98	97	94*	94
MMB	90*	100	100	100	100
MGP	92	98	98	98*	94
NP	94	100*	96	100	90
PP	84	81*	96	89	91
FPclinMB**	-	-	-	100	-

*New criterion standard applied

**FPclinMB = Focus Practice Designation-Clinical Microbiology



Continuing Certification Examinations

Continuing Certification Participation Statistics

	2017	2018	2019	2020	2021
Certificates Enrolled	1132	1175	1054	933	1140
Certificates Lapsed/ Revoked	75	88	88	64	60
Diplomates Enrolled	650	638	583	519	731
Diplomates Lapsed/ Revoked	64	71	63	52	49

Continuing Certification Examination

CC EXAMS	Total Candidates	% Pass
Fall 2021	22	100
Spring 2021	25	96
Fall 2020	126	96.8
Spring 2020	283	98.6
Fall 2019	238	96
Spring 2019	362	97.8
Fall 2018	371	96.2
Spring 2018	340	97.1
Fall 2017	333	95.8
Spring 2017	264	97.7

2020 was the last year the CC exam was required to meet the assessment requirement

Top Improvement in Medical Practice (IMP) Activities Reported by Diplomates in 2021

1. ABPath-Approved Slide Review Program
2. Department or Hospital/Institution Quality Assurance Committee
3. CLIA Mandated Cytology Proficiency Testing



**NEW
DIPLOMATES**

NEWLY CERTIFIED DIPLOMATES

CONGRATULATIONS TO THE FOLLOWING AMERICAN BOARD OF PATHOLOGY DIPLOMATES WHO RECEIVED THEIR PRIMARY BOARD CERTIFICATION IN 2021

Aakash, MD	Mohamed Sami Alshal, MD	Mallorie Brooke Bialick, MD
Syed Hussain Abbas, MD	Saqib Raza Alvi, MD	Crystal Bockoven, MD
Heba Ahmed Abdelal, MD	Ali Alzeer, MD	Adam Lee Booth, MD
Rand Abou Shaar, MD	Melis Nuray Anahtar, MD	Shaun Boyes, MD
Brooj Abro, MD	William John Anderson, MD	Andrew Brack, MD
Ibrahim M Abukhiran, MD	Alessa Aragao, MD	Benjamin Thomas Bradley, MD
Sara Mariam Achrati, MD	Mitchell Keegan Arbogast, MD	Ashley Rebecca Bradt, DO
Joel Addams, MD	Libby Sue Aronson, MD	Andrea C. Breaux, MD
Jeremy Eliezar Adler, MD	Kshitij Arora, MD	Brannon Glenn Broadfoot, MD
Ali Afsari, MD	Cade Dylan Arries, MD	Devin R. Broadwater, MD
Andrea Agualimpia Garcia, MD	Simone Arvisais-Anhalt, MD	Taylor Bjorn Buck Bronson, MD
Ifrac Ahmed, MD	Michael Gerino Astudillo, MD	Daniel Chad Butler, MD
Mohammed Seedahmed Ibnouf Ahmed, MD	Ryan P. Austin, MD	Cathryn Rene Cadwell, MD
Sunjida Ahmed, MD	Steven M. Ayers, MD	Amanda Theresa Calleroz, MD
Jared Ahrendsen, MD	Shi Bai, MD	Sophie Jane Cameron, MD
Beena Umar Ahsan, MD	Adam L. Bailey, MD	Ryan James Campbell, MD
Di Ai, MD	Ahmed Mohamed Bakhshwin, MD	Qi Cao, MD
Oluwadamilare Olalekan Ajayi, MD	Dhanalakshmi Balakrishnan, MD	Carlos Miguel Casiano, MD
Shalla Akbar, MD	Ridin Balakrishnan, MD	Mary Grace Centeno, MD
Amir-Hosseini Akbari, MD	Michael Anthony Balatico, MD	Satyapal Chahar, MD
Yamac Akgun, MD	Angela N. Baldwin, MD	Oumaima Chaib, MD
Osama Al Dalahmah, MD	Razan Abed A. Baloush, MD	Tiffany Chambers, MD
Nada Al Qaysi, MD	Salman F. Banani, MD	Samantha Nicole Champion, MD
Ali Mohammed Refaat Alani, MD	Agha Wajdan Baqir, MD	Christopher Michael Chandler, MD
Rana Abdulatif Aldrees, MD	Janet Marie Baranello, MD	Corey Chang, MD
Daniel Adam Alfano, MD	Esther Baranov, MD	Ruby J. Chang, MD
Khaled Algashaamy, MD	Byron Luther Barksdale, MD	Kristine Marie Chaudet, MD
Abrar G. Alghamdi, MD	Mohammad I. Barouqa, MD	Bo Chen, MD
Huda Alghefari, MD	Atreyee Basu, MD	Diane Chen, MD
Mohamed Alhamar, MD	Amelia R. Baxter-Stoltzfus, MD	Fei Chen, MD
Erum Alhumood, MD	Preeti Behl, MD	Li Chen, MD
Samer Ali, MD	Jonathan Belman, MD	Po-Han Chen, MD
Yasir Dhafer Ali, MD	Brendan J. Belovarac, MD	Tiffany Yu-Tin Chen, MD
Zahra Alipour, MD	Lara Berklite, MD	Zhengshan Chen, MD
Khaled J. Alkhateeb, MD	William Jarvis Beuerlein, DO	Yan Chen Wongworawat, MD
Douglas H. Allison, MD	Nicholas Bevins, MD	Sachica Charlene Chervis, MD
	Rajnish Bharadwaj, MD	Jennifer J. Chia, MD

Ijeuru Chikeka, MD
Anna-Lee Clarke, MD
Alex Clavijo, MD
Allison Shea Cleary, MD
Dava Sue Cleveland, DO
Brittany Cody, DO
Brittany Blaine Coffman, MD
Matthew J. Cognetti, MD
Scott James Collier, MD
Kaitlin Marie Collura, MD
Lorraine Colon Cartagena, MD
Karina Colossi Furlan, MD
Jeffrey Allen Conyers, MD
Fernanda Carolina Cordeiro-Rudnisky, MD
Ashly Cordero Rivera, MD
Victoria Anne Costa, MD
Jeffrey Covington, MD
Brian Kelly Cox, MD
Shannon Michael Coy, MD
Andrew McKeon Crabbe, MD
Silvia L. Crapo, MD
Michael Patrick Crawford, MD
Nicole Alyse Croom, MD
Arwyn Grace Cunningham, DO
Sarah Keiko Daley, MD
Debasmita Das, MD
Sandhyarani Dasaraju, MD
Bre Ana McCall David, MD
Adam Davis, MD
Carlo De la Sancha Verduzco, MD
Yanel De Los Santos, MD
Simona De Michele, MD
Lauren Michelle Dehan, MD
Amir Dehghani, MD
Carina Anja Dehner, MD
James Elliott Denney, MD
Brittany DePasquale, MD
Roshanak Derakhshandeh, MD
Bernadette DeRussy, MD
Mia Susan DeSimone, MD
Poojaben Naranbhai Dhorajjiya, MD
Juan Ding, MD
Nikolina Dioufa, MD
James Doan, DO
Tristan Taylor Doane, MD
Carlos Rodrigo Dominguez Rangel, MD
Deepak Donthi, MD
Rachel Dougherty, MD
Alex M. Drach, MD
Daniel Esteban Dresser Andrade, MD
Xiaotang Du, MD
Richard Joseph Dunn, MD
Anna Claire Dusenbery, MD
Kingsley Ebare, MD
Mark R. Edmunds, MD
Odianoson Eigbire-Molen, MD
Hanadi Saad El Achi, MD
Ismail Elbaz Younes, MD

Austin Ellis, MD
Sarah Salama Elsoukkary, MD
Erin Elizabeth Ely, MD
Anthony Jacob Emanuel, MD
Esma Ersoy, MD
David Joseph Escobar, MD
Azadeh Esmaeili, MD
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ABPATH PUBLICATIONS

ABPath staff and Trustees authored or contributed to the following journal articles in 2021. They were published in peer-reviewed journals from national organizations from January 2021 through December 2021.

Harmonization of Training, Training Program Requirements, Board Certification, and the Practice of Cytopathology: Data from the American Board of Pathology Surveys. Journal of the American Society of Cytopathology, September 2021 <https://doi.org/10.1016/j.jasc.2021.06.002>

Women in Academic Pathology: Pathways to Department Chair Academic Pathology: Volume 8, April 2021 <https://doi.org/10.1177/23742895211010322>

Evidence-Based Alignment of Pathology Residency With Practice II: Findings and Implications. Academic Pathology: Volume 8, April 2021 [DOI:10.1177/23742895211002816](https://doi.org/10.1177/23742895211002816)

A History of Board Certification in Pediatric Pathology on Its 30th Anniversary. Pediatric and Developmental Pathology, January 2021 <https://doi.org/10.1177/1093526620971180>

The American Board of Pathology's 2020 Continuing Certification Program. Archives of Pathology and Laboratory Medicine, January 2021 <https://doi.org/10.5858/arpa.2020-0385-RA>





**COOPERATING
SOCIETIES**

COOPERATING SOCIETIES ANNUAL MEETING

The ABPath has Cooperating Societies that we collaborate with to identify and address issues of importance to the profession of pathology. Through these valuable relationships, our Cooperating Societies support diplomates in their life-long learning and improvement in practice, their participation in Continuing Certification, and documenting their participation in educational and quality assessment activities.

In 2021, our Trustees met virtually with the Societies and discussed Diversity, Equity and Inclusion issues in the profession of pathology. The following presentations were discussed:

Is Race Genetically-based? And Why We Should Care by Debra G. Leonard, MD, PhD, Chair, Pathology and Laboratory Medicine, University of Vermont Medical Center

The Face of Pathology: What We Look Like, How That Compares to our World, and What We Need to Do Moving Forward by Valerie A. Fitzhugh, MD, Chair (Interim), Department of Pathology, Immunology, and Laboratory Medicine, Rutgers New Jersey Medical School, Rutgers Robert Wood Johnson Medical School

Understanding the Needs of Diverse Pathology Faculty: The Watershed Area Between Recruitment and Retention by Carla L. Ellis MD, MS, Northwestern University Feinberg School of Medicine, Associate Professor, Pathology and Laboratory Medicine; Director - Wellness, Diversity and Inclusion; Associate Director - Renal Pathology Service

In addition, a presentation was given by Dr. Greg Ogrinc, ABMS on the *New Standards for Continuing Certification*.

ABPath Cooperating Societies in 2021

- Academy of Clinical Laboratory Physicians and Scientists
- American Medical Association Pathology Section Council
- American Society for Clinical Pathology
- American Society for Investigative Pathology
- American Society of Cytopathology
- Association for Molecular Pathology
- Association of Directors of Anatomic and Surgical Pathology
- Association of Pathology Chairs
- College of American Pathologists
- National Association of Medical Examiners
- Society for Hematopathology
- Society for Pediatric Pathology
- United States and Canadian Academy of Pathology





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The ABPath is governed by 12 physician members and one public member. Each member is highly esteemed and accomplished in their respective fields and subspecialty. ABPath Trustees are responsible for setting the strategic goals and governing and

upholding the integrity of the Board's mission to serve the public and advance the profession of pathology by setting certification standards and promoting lifelong competency of pathologists.

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Vice Chair of Pathology for Strategic Initiatives and Academic Affairs and Professor in the Department of Pathology, Molecular and Cell Based Medicine and at the Icahn School of Medicine at Mount Sinai



MATTHEW J. WASCO, MD

Anatomic and Clinical Pathologist with IHA Pathology and Laboratory Management



TDAC

Test Development and Advisory Committees (TDAC)

The ABPath appreciates the many contributions of our Test Development and Advisory Committee members who volunteer their time as subject matter experts to provide direction and content for certification examinations. Each of the committees is chaired by an ABPath Trustee. During this year, our

TDAC members worked efficiently and effectively using a combination of in-person and virtual meetings. We thank them for contributing their time and talents.

The members of the Test Development and Advisory Committees for 2021 were as follows:

Anatomic Pathology

Jennifer Boland-Froemming, MD
Laura Christine Collins, MD
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Marisa B. Marques, MD

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Momin Siddiqui, MD
Laura Tabatabai, MD

Dermatopathology

(Includes ABPath and American Board of Dermatology appointees)

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 Dong Chen, MD
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 Donald Karcher, MD
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Medical Microbiology

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Molecular Genetic Pathology

(Includes ABPath and American Board of Medical Genetics and Genomics appointees)

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 Allison Cushman-Vokoun, MD
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 Matthew Schniederjan, MD
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 Philip J. Katzman, MD
 Kathleen K. Nicol, MD
 Charles Timmons, MD
 Sara Vargas, MD

Other Advisory Committees**Continuing Certification Advisory Committee**

The Continuing Certification (CC) Advisory Committee is made up of 12 volunteer diplomates with diverse backgrounds, specialties, and experience. It is chaired by ABPath Trustee, Dr. Eric Glassy. The Committee advises and provides feedback to the ABPath Board of Trustees for continuous evaluation and improvement of Continuing Certification from a diplomate's perspective.

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Resident and Fellow Advisory Committee

The ABPath Resident and Fellow Advisory Committee is made up of 11 Pathology Residents and Fellows who were selected to provide feedback and suggestions for improvement to the board certification process.

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Amanda Zombro
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Continuing Certification Coordinator

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Chief Financial Officer

Kasey Davis
ABPath CertLink Coordinator

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Senior Systems Developer

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Patty Schnoor
Slide Librarian

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