

A2LA

A Better World Through Accreditation



Annual Report

2016



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Message From The Chair



I was fortunate to join the A2LA Board of Directors in 2006, a year that marked a shift in the Board's purpose and philosophy. We were no longer merely technical advisors and industry liaisons to the Association, but charged first and foremost with responsibility for its long-term viability. If A2LA was to lead the accreditation field toward a single set of standards "accepted everywhere, by everyone," we would need to fortify our leadership team. To achieve these ends, we had to grow. "Growth" became the organization's shorthand for "build, lead, and remain relevant." Since then, A2LA's year-to-year growth rate more than doubled in nearly every category we measured – accreditation programs, number of CABs, new applicants per year, economies served, staff size, and, of course, revenues.

This unparalleled growth came despite mounting pricing pressure from new entrants to the accreditation market, followed by a flurry of mergers. Rather than reducing on-site time or scaling back on service, A2LA steadfastly positioned itself among the most rigorous accreditation bodies in the markets we served. And the rate of new client acquisition continues to validate our value proposition: There remains strong demand for high quality conformity assessment providers and a truly independent accreditation body that stands behind them.

The same market dynamics have shaped the testing, inspection services, and certification industries, leaving a bimodal distribution of smaller, specialized service providers at one end and global "mega-labs" at the other. When Lonnie Spires joined A2LA this year as its new President/CEO, his first task at hand was to fortify the leadership team, infusing the organization with fresh ideas and perspectives. Together, they set to work on realigning the strategic plan to this shifting landscape, identifying new services and opportunities that will continue to fuel growth. Most recently, they've asked the Board to critically examine our structure and functions to make our resources more useful to the organization and its clients.

As I look toward to my final year as Board Chair, I've never been more confident in A2LA's relevance and long-term viability, nor more inspired by the quality and integrity in the services we provide. I'm most grateful to our staff, who did all the heavy lifting, and to our clients, who continue to place their trust in the A2LA brand. Thank you!

Robert Whitehead
Board of Directors Chair

Introduction

A2LA is a non-profit, nongovernmental, public service, membership society dedicated to the formal recognition of competent laboratories and related activities.

During 2016, A2LA operated the following types of voluntary accreditation programs to recognize competency in support of assuring the quality of data used in decision-making:

- Accreditation of testing and calibration laboratories (regardless of ownership), the essential requirements being technical competence and compliance with ISO/IEC 17025:2005;
- Accreditation of clinical testing laboratories to ISO 15189:2012 and CLIA requirements;
- Accreditation of inspection bodies to ISO/IEC 17020:2012 and ILAC/IAF A4:2004;
- Accreditation of proficiency testing providers to ISO/IEC 17043:2010;
- Accreditation of reference material producers to ISO Guide 34:2009, transitioning to ISO 17034:2016 as of December 1, 2016; and
- Accreditation of product certification bodies to ISO/IEC 17065:2013.

During 2016, A2LA maintained a membership of 705 individuals and organizations. Membership in A2LA is separate and distinct from accreditation. Members elect the Board of Directors, receive discounts on training and accreditation fees and are encouraged to provide input on a variety of national and international activities and initiatives. Recognition of A2LA accreditation programs comes from organizations around the world with which A2LA has mutual recognition arrangements or other forms of recognition.

Accreditation Activity

At the end of 2016, A2LA had 3176 actively accredited certificates representing all 50 states. The organizations in foreign economies pursued accreditation from A2LA due mostly to their desire to meet U.S. regulatory requirements.

Aruba	El Salvador	Kazakhstan	Singapore
Australia	France	Kuwait	South Korea
Bahrain	Germany	Malaysia	Spain
Bangladesh	Greece	Mexico	Sweden
Brazil	Guam	the Netherlands	Taiwan
Canada	Guatemala	Nigeria	Thailand
Cayman Islands	Honduras	People's Republic of China	Trinidad and Tobago
Chile	Hong Kong	Philippines	United Arab Emirate
Cyprus	Hungary	Poland	the United Kingdom
Czech Republic	India	Puerto Rico	Vietnam
Dominican Republic	Israel	Qatar	
Ecuador	Italy	Saudi Arabia	
Egypt	Japan		

A comparison of laboratories accredited to ISO/IEC 17025 in various fields of testing and calibration with previous years is shown in Table 2a. Table 2b shows the number of organizations accredited in A2LA's additional accreditation programs in 2016.

TABLE 2a

Field of Testing	A&V	Bio	Cal	Chem	CMT	Ele	Env	Geo	Mech	NDT	Ther	IT	Foren	Sus	Total
Dec 31, 2016	21	284	711	489	77	326	70	40	804	33	8	18	6	5	2892
Dec 31, 2015	20	251	682	462	76	312	58	39	784	31	9	16	5	6	2752
Dec 31, 2014	19	234	658	431	71	298	59	36	754	29	9	18	4	5	2740
Dec 31, 2013	19	218	622	393	66	286	62	34	734	29	8	18	3	6	2498
Dec 31, 2012	18	195	580	378	67	270	63	34	714	23	9	14	4	4	2373

TABLE 2b

Accreditation Program	Medical Laboratories ISO 15189	Proficiency Testing Providers ISO/IEC 17043	Reference Material Producers ISO Guide 34	Inspection Bodies ISO/IEC 17020	Product Certification Bodies ISO/IEC Guide 65	TOTAL
as of Dec 31, 2016	14	33	25	70	28	170

Details about tests, types of tests, calibrations or specific activities included in an organization's accreditation are identified in a Scope of Accreditation and may be obtained by visiting our website (www.A2LA.org) or contacting A2LA.

Assessors

Assessor selection is based on confirmation of the assessor's technical expertise, successful completion of the training process, and continued satisfactory performance of assessments. The key requirement is knowledge of the technology in the areas the assessors will be assessing. All A2LA assessors are required to pass a rigorous assessor orientation course that includes instruction on international standards (e.g. ISO/IEC 17025 or ISO/IEC 17020) and on A2LA's policies and procedures for performing assessments.

A2LA lead assessors must be approved by the A2LA Senior Director of Accreditation Services (SDAS) on a yearly basis. The SDAS monitors and manages all newly trained assessors from initial training through to successfully passing the staff evaluation to conduct the technical and management system portions of the on-site assessment. Returning assessors must also be evaluated on a regular basis. There were more than 200 contracted assessors in 2016.

- 23 additional new assessors were initiated into the assessor training program,
- 21 of whom successfully completed the A2LA assessor evaluation process and
- 3 of whom have been approved as Staff Approved Lead Assessors by the end of 2016.
- Over 350 names of additional technical experts are on file as potential assessors.
- More than 150 assessors attended the 2016 A2LA Technical Forum and Annual Meeting in Baltimore, Maryland to discuss issues affecting accreditation and to develop policies to further consistency and uniformity in assessments. A2LA's Travel Management Policy, A2LA training programs, and the assessor web portal were main topics of discussion at the assessor meeting.

Many of A2LA's trained and qualified assessors are also private consultants who are willing to offer their own consulting services to prepare organizations for the accreditation process. An interested organization may contact A2LA and A2LA will provide the organization's information to a select group of those consultant assessors best technically qualified to assist the organization's accreditation efforts in the relevant technical area. The chosen consultant then works with the organization, independent of A2LA and its accreditation program. If the organization subsequently chooses to apply to A2LA for accreditation, that consultant assessor cannot serve on the assessment team for that organization.

Training, Webinars and Seminars

The mission of A2LA's public training program is to provide world-class training and IACET-accredited, continuing education services for conformity assessment bodies (CABs), e.g., testing and calibration laboratories, inspection bodies, proficiency testing providers, reference material producers, and product certifiers.

A2LA's Training Program offers a variety of courses designed to equip organizations to achieve and maintain accreditation to international standards. Courses have been developed to:

- Guide prospective applicants through a timely and efficient assessment processes;
- Assist with honing management systems that conform with International Standards and complement the organization's processes;
- Provide quality applications that yield better product; and
- Equip students with technical tools that reduce customer risk.

Training course enrollment was very strong in 2016. The following classes are publicly available*:

Type	Description	CEUs
Standards	ISO 15189 and CLIA Clinical Laboratory Accreditation	1.2
	ISO/IEC 17020 & FedRAMP	1.2
	ISO/IEC 17020 & Inspection Body Accreditation	1.2
	ISO/IEC 17025 & Laboratory Accreditation	1.6
	ISO/IEC 17025 & Laboratory Accreditation for Cannabis Testing Laboratories	1.6
	ISO/IEC 17025 & Laboratory Accreditation w/ AOAC Food Program Guidelines	1.6
	ISO/IEC 17025:2018 The New Standard for Laboratory Competence (Intro)	None
	ISO/IEC 17034 and Accreditation for Reference Material Producers	1.2
	ISO/IEC 17043 and Accreditation for Proficiency Testing Providers	1.2
	ISO/IEC 17065 and Product Certification	1.2
Quality Processes	Documenting Your Quality System	0.8
	ISO/IEC 17020 Internal Auditing	0.6
	ISO/IEC 17025 Internal Auditing	1.4
	ISO/IEC 17025 Lead Auditor	3.0
	ISO/IEC 17025 Management Review	0.6
	ISO/IEC 17025 Advanced: Beyond the Basics	0.6
	Root Cause Analysis and Corrective Action	0.6
Technical	Introduction to Measurement Uncertainty	0.6
	Applied Measurement Uncertainty for Calibration Laboratories	1.2
	Applied Measurement Uncertainty for Testing Laboratories	1.2
	Measurement Systems Analysis Using Excel Statistical Tools	1.2
	Reducing Risk in Conformance Decisions	1.2
Soft Skills	Developing and Administering an Effective Training Program (Train the Trainer)	0.6
Coming Soon	Method Validation	TBD
	Risk Management & PDCA	TBD
	Sampling Statistics	TBD
	Software Validation	TBD

*A2LA has been very active in increasing the number and variety of training programs available to members, accredited organizations and the public. In addition to our traditional public courses, we also offer training provided at a customer's location (upon request) as well as training partnerships with a variety of organizations.

International Activities

Internationally, A2LA continues to participate in the activities of the International Laboratory Accreditation Cooperation (ILAC) and associated regional bodies. In 2000, A2LA signed the ILAC Mutual Recognition Arrangement (MRA) between 36 accreditation bodies from 28 economies worldwide. Since then, additional accreditation bodies have joined the MRA. Established in 1977, ILAC is the premier international forum for the harmonization of laboratory accreditation procedures and policies as a means of reducing technical barriers to trade and the promotion of laboratory accreditation as a mechanism to enhance confidence in testing and calibration facilities, both domestically and internationally.



A2LA also actively participates in the activities of the International Accreditation Forum (IAF). A2LA has been a member of the multi-lateral arrangement for the main scope, product certification, with IAF since May 16, 2011. 59 economies are represented through the members and signatories of the MLA. The primary function of the MLA is to develop a single worldwide program of conformity assessment which reduces risk for business and its customers by assuring them that accredited certificates may be relied upon.

Other international cooperation arrangements in effect during 2016 included the MRA with the Asia Pacific Laboratory Accreditation Cooperation (APLAC), and the multi-lateral agreement with the Inter-American Accreditation Cooperation (IAAC). Information about the international accreditation systems with whom A2LA has a valid agreement as of March 2017 is presented in Appendix A of this Annual Report. Copies of the MRAs are available upon request. A2LA will testify to the competence of each accreditation system with whom it has an MRA and attest to the fact that they follow the recognized norm for operating such systems, ISO/IEC 17011, and use relevant ISO/IEC standards as the basis for the accreditation of conformity assessment bodies. Up-to-date information on cooperating accreditation systems may be obtained by visiting our website or contacting A2LA Headquarters.

Staff members from A2LA continue to hold key leadership positions in ILAC, IAF, APLAC and IAAC.



Mr. Trace McInturff, A2LA Senior Director of Accreditation Services, completed his 8th year as Chair of the APLAC Technical Committee and is now a member of the APLAC Board of Management. He is currently serving as a member of the ISO CASCO Working Group 44 on the revision of ISO/IEC 17025, is a recognized lead evaluator for ILAC, APLAC and IAAC, and is a member of the ILAC Accreditation Issues Committee (AIC), ILAC Arrangement Committee (ARC), ILAC Proficiency Testing Working Group (PTWG), ILAC/World Anti-Doping Association (WADA) Accreditation Committee, APLAC Technical Committee, and is the A2LA Delegate to the ILAC General Assembly and the APLAC MRA Council and General Assembly.



Rob Miller, A2LA General Manager, is a recognized lead evaluator for IAAC and evaluator for APLAC. He is also a member of the IAF Technical Committee (TC), IAF MLA Committee (MLAC), IAF Management Committee (MLA MC), IAF/ILAC Joint Management Committee (JMC), IAAC Laboratory Subcommittee (LSC), IAAC Certification Body Subcommittee (CBSC), IAAC Peer Evaluator Management Subcommittee (PEMS) and IAAC Inspection Body Subcommittee (IBSC).



Peter Unger, A2LA President Emeritus, concluded his position of ILAC Chair in October 2016. Mr. Unger serves as a lead evaluator for accreditation bodies under the ILAC arrangement as well as APLAC and IAAC.



Ms. Roxanne Robinson, A2LA Senior Advisor, is recognized as a lead evaluator for ILAC, APLAC and IAAC. Ms. Robinson concluded her role as co-chair of the ILAC/IAF joint working group on the A-series documents and as APLAC MRA Council Chair in June 2016.



Randy Querry, A2LA Accreditation Manager, is a recognized lead evaluator for APLAC and IAAC.

Recognized evaluators for APLAC and IAAC



Adam Gouker
A2LA General
Manager



Rob Knake
A2LA Accreditation
Manager



Roger Brauning
A2LA Program
Manager



Mike Buzard
A2LA Program
Manager



Pamela Wright
A2LA Quality
Manager

A2LA National Involvement

Standardization activities in accreditation and conformity assessment remain a high priority for the Association. In addition to its ISO standards activities, A2LA participates on ASTM Committee E36 on Accreditation and Certification. The Committee is involved in accreditation and inspection standardization activities that A2LA considers important to support. A2LA also participates in the ANSI International Conformity Assessment Committee to provide input to the ISO standardization process. Staff members are also involved in numerous ASTM, ANSI and NCSL International committees related to technical and accreditation issues.

A2LA staff's commitment to serving on these and numerous other committees enables the Association to provide insight on conformity assessment activities, as well as to gain knowledge from the given industry groups. This provides us with a better understanding of the needs of our stakeholders and accredited entities.

Recognition of A2LA Programs

The following are new recognition programs that were adopted in calendar year 2016.

Environmental Protection Agency (EPA)

The EPA has approved A2LA to accredit EPA regional laboratories that perform analyses on public drinking water. Drinking water certification will only be issued for analyte/method combinations specifically approved in the Code of Federal Regulations for compliance monitoring. The referenced Code of Regulations may be found at the following link:

<https://www.gpo.gov/fdsys/browse/collectionCfr.action?collectionCode=CFR>.

NIST

The National Institute of Standards and Technology (NIST) has recognized A2LA to accredit conformity assessment bodies seeking Notified Body (NB) status for the European Union EMC and Radio Equipment Directives. A2LA currently offers accreditation for NBs under the following conformity assessment standards: ISO/IEC 17065, ISO/IEC 17020, and ISO/IEC 17025.

Bermuda Minister of Health

The Bermuda Minister of Health recognizes A2LA as a Public Health (Clinical Laboratories) Accreditation Body and placed A2LA on the list of approved accreditation bodies as listed in Bermuda Public Health (Clinical Laboratories) (Accreditation Bodies) Notice 2008. As such, Bermuda clinical laboratories can seek accreditation through A2LA for the Clinical Laboratory Improvement Amendments (CLIA) requirements. (STAFF CONTACT: R. Query/A.McDonald)

Board Of Directors

The Association is managed by its Board of Directors (BOD). The 2016 Officers and BOD included (as of December 31, 2016):

Executive Committee:

CHAIR: Robert Whitehead, Green Arrow Labs

PAST CHAIR: Michael Kesselmayer, Professional Service Industries, Inc.

FIRST VICE CHAIR: David Evanson, Evanson Microbiological Services, LLC

SECOND VICE CHAIR: Brad Goskowicz, Microbiologics

SECRETARY: David Fischer, Fischer Custom Communications, Inc.

TREASURER: Steven Darr, Calibre CPA Group

CHAIR, CRITERIA COUNCIL: Timothy Osborne, Trescal, Inc.

CHAIR, ACCREDITATION COUNCIL: Niel Zuern, Consultant

Members:

Helga Alexander, Southern Research Institute

Ryan Colker, National Institute of Building Sciences

John Fitzpatrick, APR Energy

Mark Kellogg, Children's Hospital Boston

David Kilhefner, ERA "A Waters Company"

Paul Moliski, Intertek

Judith Morgan, Pace Analytical Services, Inc.

Kerie Price, Michelin North America

R. Dan Reid, Consultant

Eric Rieders, National Medical Services

George Riley, Consultant

Dean Williams, Duke Energy

Isabel Wright, Armacell LLC

Tony Youssef, Cisco

Liaison Members of the Board:

Francis Azzarto, General Electric Aircraft Engines

Tim Brooke, ASTM International

Eamon Monahan, EPA

Louis Bluhm, USDA FSIS

George Salem, US FDA

Counsel:

James Hostetler, Law Office of Jim Hostetler

Accreditation Council

The Accreditation Council is appointed by the Vice President/COO and, at the end of the year, consisted of 189 people. This Council reviews and takes final action, subject to the rights to appeal otherwise provided for in the Bylaws, on accreditation applications to the Association or to revoke accreditation once granted. All decisions relating to accreditation or revoking accreditation must be approved by 2/3 of those voting on the Accreditation Council. Generally, at least two affirmative ballots (with no unresolved negative ballots) of the three ballots distributed must be received before accreditation can be granted. If three or more AC members are required to ensure a full review of the organization's activities, (re)accreditation may not be granted until these votes have been received and any negative votes resolved. At the end of 2016, the Accreditation Council members included:

CHAIR: Niel Zuern, Consultant

VICE CHAIR: Charles Blank, Consultant

STAFF LIAISON: Adam Gouker

Members:

John Adams, Consultant
Marwa Adley Abdalla Mohamed, Consultant
James Agin, Q Laboratories, Inc.
Qussay Albakri, Consultant
Diane Allingham-Hawkins, Hayes Inc.
Kumar, Amit, Tech Mahindra Americas Inc.
Anne Andrews
Denise Archer, Consultant
Robert Audette, Audette Consulting
Susan Audino, S., Audino & Associates, LLC
Mohammad Azroul, GCC Standardization Organization
Karthik Balasubramanian, Karthik Consulting, LLC
Nathan Belsher, Consultant
Gary Bennett, National Instruments
Kelly Black, Neptune and Company, Inc.
Charles Blank, Consultant
Dennis Bloom, Airgas Merchant Gas
Peter Boers, Consultant
Mary Boeselager, Quality Management Systems, LLC
Sandra Bohlen, Baltimore Police Department
Constantin Bolintineanu, DSC Testing Laboratory
Michael Bosley, Consultant
Robert Bredt, Consultant
Tiffany Brigner, Colorado Department of Agriculture
Robert Brooks, Microbac Laboratories, Inc.
Aaron Brudenell, Consultant
Tina Buffington, USDA APHIS NVSL
Lester Burgess, US Bolt Manufacturing
Shawn Burton, Consultant
Maria Carlos, Consultant
Shuya Chang, Ph.D., ExxonMobil Chemical
Justing Cheng, Q-Lab Inc.
Henry Chernow, Stanley Spring & Stamping
Terry Combs, ALPHA Quality Consultants, Inc.

Diane Cooper, Information Innovators Inc, (Triple-I)
Greg Cooper, Consultant
Philip Cotter, Pacific Diagnostics
Doug Cowles, Consultant
Michael Crewdson, Q-Lab, Inc.
Steven Crupi, Consultant
Tuan Dang, Global Tungsten & Powders Corp.
Robert Darley, Consultant
David Deaver, Consultant
Marsha Deitz, AABB
Linda DeWitt, Consultant
Linda Dewitt, Business Owner Support Services
Thomas Dickten, Consultant
Samantha Dizer-Carter, Consultant
Tom Doggart, Nomad Metallurgy, LLC
Ted Doiron, Consultant
Denise Dubois, NYSDOH
Karen Dunning, Consultant
Sharon Ehrmeyer-Hawkins, University of Wisconsin
Stacy Enemark, Johnson County Sheriff Office/Criminalistics Laboratory
David Evanson, Evanson Microbiological Services
Darla Ewalt, Consultant
Edward Ewing, Kettering Memorial Health System
Jake Fahlenkamp, Air Hygiene International, Inc.
Charles Fallon, Consultant
Marianne Farallo, Consultant
Charles Ferrer, Consultant
Fred Fetterolf, FETTICO NDE Services
Jeffrey Fisher, JCF Consulting
Patrick Foley, AnaPath Diagnostics, Inc.
Maria Friedman
Tessie Gamber, Consultant
Ronald Gantz, Ronald Gantz, LLC

Michael Gentry, The Quality Consulting Group
Bruce George, Tyson Fresh Meats
Mark Gerfin, Consultant
Raimundo Gil, Consultant
Craig Glunt, Battelle Memorial Institute
Gregory Gogates, Fasor Technical Services, Inc.
Anne Gray, Consultant
Kathryn Gumper, ChemVal Consulting, Inc.
Luke Hards, American Standard Calibration Laboratory
Bradley Harper, U.S. Army
Karl Haynes, Electro Rent Corporation
Ada Hensley, Fisher BioServices
Ranee Ho, St. Louis Metropolitan Police
Robert Holcombe, Consultant
Jason Holliday, Consultant
Deedra Hughes, Mississippi Crime Laboratory
Ryan Hyer, Consultant
Brenda Jackson, North Carolina Department of Agriculture and Consumer Services
Frank Jarke, Quality Solutions
Pamela Jarman
J. Jeff Kelly, ICL Calibration Laboratories, Inc.
Paul Keep, Keep Metrology Services
Marc Kelemen, NanoSynopsis, LLC
Joseph Kellum, Consultant
Jeff Kelly, ICL Calibration Laboratories, Inc.
John Kinsella, Kinsella & Kinsella
Alex Klein, ArcelorMittal – Indiana Harbor
John Knicely, Consultant
Keith Kokal, Micro Laboratories Inc.
Chessie Koko, Consumer Testing Laboratories, Inc.
Doug Kramer, Kramer & Associates
Christopher Krug, Johnson County Sheriff Office/Criminalistics Laboratory
Ray Lafferty, Consultant

Brian Lane
Lynn Langford, Consultant
Carol Larson, Washington State
Department of Agriculture
Microbiology Laboratory
Brian Lee, Anritsu Company
Walt Lehmus, Diamond Technical Services
Jeffrey Lewis, ATF/Bureau of Alcohol,
Tobacco, Firearms and Explosives
Billy Liu, QST International
Billy Liu
Steli Loznen, Consultant
Ashley Malchow, Microbac Laboratories,
Inc.
Mohammed Maqbool, Qatar University
James Markwiese, Environmental
Standards, Inc.
Dixie Marlin, Marlin Quality Management, LLC
Jorge Martins, Consultant
Shawn Mason, Consultant
Paul Matera, Matera Quality Consulting
Dennis McCully, Consultant
Amy McGuckian, Pam Beach County
Sheriff's Office
Dawn Mettler, Rockbridge Laboratory
Services
Lon Miles, Consultant
David Miller, Consultant
Roger Miller, DVD, LLC
Charles Mlodzik, Consultant
Kaveh Moraghebi
John Murphy, Consultant
Benoit Nadeau, Consultant
Robert Nichol, TUV Rheinland Industrial
Solutions, Inc.
Janet Norris, JTN Consulting

Evangelos Ntrivalas, Nova Biomedical
Susan Oldfather, Consultant
Gail Parker, Florida Department of
Agriculture and Consumer Services
Biren Patel, ArcelorMittal Steel Inc.
Donald Perron, BAE Systems
Heidi Phillips, Colorado Department of
Agriculture
James Platte, Consultant
Philip Poston, Poston Consulting, LLC
Thomas Powis, Broadview
Instrumentation Services
Larry Presley, Consultant
Barry Quinlan, Consultant
Bradley Rauch, Consultant
Tracey Ray
Jerry Reed, Consultant
Erik Reisdorf, Consultant
Joseph Reisinger, Consultant
George Riley, Consulting Forensic
Scientist
Markus Ruefenacht, Heusser Neueigh
Ronald Ryniewicz, Consultant
Adeniyi Salam, Consultant
Christopher Sandlin, Sandlin Consulting
Robert Schaal
Charles Schaefer, Consultant
Werner Schaefer, Schaefer Associates
Howard Schiff
Raymond Schiltz, Jr., E-Matters, Inc.
Elizabeth Selya, CA Department of Justice
Karen Semer, Consultant
Jordan Shaw, Eurofins Microbiology
Laboratories, Inc.
Richard Sheibley, Consultant
Dan Sigouin, Consultant

Carlos Silva, Consultant
Patrice Siravo, Accinctus, LLC
Thomas Smith, Virtual Metrology, Inc.
Craig Spooner, Moso Consulting, LLC
Bradley Stawick, Microbac Laboratories,
Inc.
Gina Steiner, Jones Dairy Farm
Tatum Strickler
David Sugiyama, City of Tulsa Police
Department
Brent Summerville, Small Wind
Certification Council
Karen Swiggard, Golden Specialty, Inc.
Scott Swiggard, Golden Specialty
Consulting, Ltd.
Yi-Wei Tang, Memorial Sloan-Kettering
Cancer Center
Daniel Tholen, Dan Tholen Statistical
Consulting
Warren Udy, Electronic Verification LLC
Prashant Umare, Consultant
Lorena Villarreal, Laboratorio DPEC
John Vurpillat, Consultant
David Waitt, Consultant
Lisa Walters, State University of NY at
Fredonia
Ilka Warshawsky, Consultant
Thomas Wiandt, TruCal Metrology, LLC.
Bryan Wilkerson, Dynamic Technology
Dave Wilson, Consultant
Rahul Yarala, Consultant
John Young
David Zimmerman, Spectrum EMC
Consulting, LLC

Criteria Council

The Criteria Council is appointed by the President/CEO and includes at least one person having particular expertise or qualifications for each field of testing/calibration in which the Association is offering accreditation. The Council shall act to define the fields of testing/calibration in which the Association shall grant accreditation and approve general and specific criteria for each of the fields of testing. The 2016 Criteria Council members included:

CHAIR: Timothy Osborne, Trescal, Inc.

VICE CHAIR: Niel Zuern, Consultant

VICE CHAIR: William Kavanaugh, Consultant

STAFF LIAISON: Pamela Wright

Members:

Robert Audette, Audette Consulting
 Susan Audino, S. Audino and Associates, LLC
 Kelly Black, Neptune and Company, Inc.
 Louis Bluhm, USDA
 Constantin Bolintineanu, DSC Testing Laboratory
 Gary Cornell, Consultant
 Samantha Dizor-Carter, MindPoint Group
 Arlene Fox, AOAC International
 Charles Gortakowski, Consultant
 Mona Grills, Trialon Corporation
 Jeff Gust, Fluke Corporation

Michelle Hoppenrath, Silliker Inc., Crete – Analytical
 Klaus Jaeger, Jaeger Enterprises
 Alex Klein, ArcelorMittal – Indiana Harbor
 Albert Liabastre, Consultant
 Charles Meeker, ETI Conformity Services
 Dawn Mettler, Rockbridge Laboratory Services
 Deborah Miller, Consultant
 Mitzi Miller, Dade Moeller & Associates
 Susan Oldfather, Consultant
 Biren Patel, ArcelorMittal Steel Inc.
 George Riley, Consultant

Nirmal Saini, Center for Analytical Chemistry, California Department of Food & Agriculture
 Werner Schaefer, Schaefer Associates
 Patrice Siravo, System High Corporation
 Thomas Smith, Virtual Metrology Inc.
 Craig Spooner, Moso Consulting, LLC
 Bradley Stawick, Microbac Laboratories, Inc.
 Kenneth Stoub, Group Seven Laboratory Services, Inc.
 Daniel Tholen, Dan Tholen Statistical Consulting
 John Vurpillat, JFV Consulting Corp
 William Watson, Consultant.

Financial Summary

A comparison of the total revenue and support plus investment income less expenses resulting in a change in net assets (in \$000s) for the years ended at December 31st since 2012 is shown below.

Total Revenue & Support *	\$16,382	\$15,628	\$14,422	\$13,424	\$12,487
Total Expense	\$14,088	\$15,151	\$14,056	\$13,017	\$12,129
Change in Net Assets	\$599	\$477	\$366	\$407	\$358

* Includes investment income and losses.

Membership in the Association

A2LA is a professional society driven for and by its members. We forge strong connections with professionals who believe in the same mission: “To provide world-class accreditation.” Our members receive the information, education, and resources needed to advance their personal and career objectives in the field of accreditation and quality.

A2LA is committed to the following objectives:

- **Provide** forums for members to build relationships with tangible business benefits, including networking, education, and advocacy.
- **Foster** a comprehensive peer network of industry professionals through the A2LA Technical Forum and other networking opportunities.
- **Support** government and global affairs efforts through work with legislative, regulatory, and industry groups that share common goals.
- **Lead** by example within quality assurance, accreditation, and technical communities to support our vision of creating a single accreditation that is accepted everywhere.
- **Advocate** for this vision among global peers while developing reciprocal recognition of our accredited results.
- **Promote** clients with a global interest.

As of December 31, 2016, membership in the Association was as follows:

Membership Type	Number of Members
Accreditation Council Member	182
Accredited Laboratory Member	255
Honorary Member	5
Individual Member	61
Institutional Member	7
Organizational Member	12
Trial Membership	183
Total Members	705

Mutual Recognitions

International Mutual Recognition (ILAC)

The International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Agreement (MRA)

On November 2, 2000, A2LA signed the mutual recognition arrangement with the International Laboratory Accreditation Cooperation (ILAC). The Arrangement was signed in Washington, D.C. at the General Assembly of the International Laboratory Accreditation Cooperation (ILAC) and entered into force on January 31, 2001. More than 30 accreditation bodies from 26 economies signed the arrangements. Since then, additional accreditation bodies have become signatories.

A cornerstone of the ILAC MRA is the utilization of existing or developing regional arrangements established in the Americas (IAAC), the Asia-Pacific region (APLAC), Europe (EA) and Southern Africa. The bodies participating in these regional arrangements are responsible for maintaining the necessary confidence in the competence of their member accreditation bodies that are signatories to the new ILAC Arrangement.

By signing the ILAC MRA, the signatory accreditation bodies commit to promoting acceptance of the test reports/calibration reports issued by the laboratories accredited by the signatory accreditation bodies.

A2LA staff can provide specific details regarding the names and contact information for the accreditation body in a specific country/economy listed above.

International Accreditation Forum (IAF)

The International Accreditation Forum (IAF) Multi-Lateral Arrangement (MLA)

The International Accreditation Forum (IAF) is an association of accreditation bodies interested in conformity assessment in the fields of management systems, products, services, personnel and other similar programs. A2LA is a signatory to the IAF Multilateral Arrangement (IAF MLA) as of May 16, 2011 for the main scope, Product Certification. Accreditation body members of IAF are admitted to the IAF MLA only after a stringent evaluation of their operations by a peer evaluation team which is responsible for ensuring that the applicant member complies fully with both international standards and IAF requirements. The primary function of the MLA is to develop a single worldwide program of conformity assessment which reduces risk for business and its customers by assuring them that accredited certificates may be relied upon.

International Mutual Recognition (APLAC)

The Asia Pacific Laboratory Accreditation Cooperation (APLAC) Mutual Recognition Arrangement (MRA)

On November 19, 1997, A2LA signed the Asia Pacific Laboratory Accreditation Cooperation (APLAC) mutual recognition arrangement.

The arrangement is intended to facilitate the acceptance of test and calibration data with several Asia-Pacific countries whose national accreditation bodies have signed the APLAC arrangement. APLAC promotes the recognition and acceptance in all the signatory countries of certificates and reports issued by organizations accredited by national accreditation bodies that have signed the arrangement.

By signing the arrangement, the signatory accreditation bodies commit to promoting acceptance of the test reports/calibration reports issued by the laboratories accredited by the signatory accreditation bodies. However, accreditation bodies cannot guarantee acceptance by their stakeholders. As such, one of A2LA's primary functions is to assist A2LA-accredited laboratories in gaining acceptance of their data in the countries of the APLAC arrangement signatories. Likewise, A2LA is committed to helping laboratories accredited by the APLAC arrangement signatories obtain acceptance in the United States.

Through the APLAC MRA evaluation process, a uniform level of competence of the accredited bodies is assured, and the need for multiple assessments is diminished or eliminated. Ideally, a supplier would only need one certificate or report to satisfy the entire Asia-Pacific market and all governments.

International Mutual Recognition (IAAC)

The Inter-American Accreditation Cooperation (IAAC) Multi-Lateral Arrangement (MLA)

On October 24, 2002, A2LA, INMETRO (Brazil) and SCC (Canada) signed the Inter-American Accreditation Cooperation (IAAC) multi-lateral arrangement.

The IAAC is an association of accreditation bodies and other organizations interested in conformity assessment in the Americas.



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