

2017

**ABET IMPACT REPORT**

FOR FISCAL YEAR ENDING SEPTEMBER 30, 2017

# CONTENTS

- 3 From the President and the Executive Director
- 4 ABET at a Glance
- 6 2017 ABET Awards

## Accreditation Statistics

- 10 Statistics: 2016-17 Accreditation Cycle
- 18 Statistics: Accreditation Trends
- 20 Statistics: 2016-17 Volunteer Pool Characteristics

## 2016-17 Financial Highlights

- 22 Independent Auditors' Report
- 24 Statement of Financial Position
- 25 Statement of Activities
- 26 Statement of Cash Flows
- 27 Notes to Financial Statements

## Acknowledgements

- 32 2016-17 Board of Directors
- 33 2016-17 Board of Delegates
- 35 2016-17 Academic Advisory Council
- 36 2016-17 Industry Advisory Council
- 37 2016-17 Global Council
- 38 2016-17 Accreditation Council
- 39 2016-17 Applied and Natural Science Accreditation Commission
- 40 2016-17 Computing Accreditation Commission
- 42 2016-17 Engineering Accreditation Commission
- 45 2016-17 Engineering Technology Accreditation Commission
- 47 2016-17 Team Chairs
- 51 2016-17 Program Evaluators
- 65 ABET Professional Staff

This publication is available online at [www.abet.org](http://www.abet.org).

# WORKING TOGETHER FOR A SUSTAINABLE FUTURE

## From the President and the Executive Director

Welcome to our 2017 Impact Report. In the following pages, we will share with you some of the highlights of our last fiscal year and examples of the impact we would have on global education.

We experienced a number of “firsts”: from bringing our flagship event, the ABET Symposium to our hometown of Baltimore, to accrediting our first program in Poland, to changing the name of our Applied Science Commission to Applied and Natural Sciences, last year was another exceptional one for ABET.

As we engaged more programs and strengthened our partnerships with industry and fellow accrediting organizations, we continued to grow our impact and influence on STEM education worldwide. We enhanced our global footprint, adding 206 programs at 24 institutions to our portfolio and partnered with multiple peer organizations, sharing best practices and advancing STEM education. We participated in more than 20 global events, including co-hosting the International Engineering Alliance and Seoul Accord Meetings in Alaska this past June.

In each of these interactions, we shared the many ways in which the work that we do brings confidence to the programs we accredit. But more importantly, we also learned how our approach helps ensure students—tomorrow’s tech professionals—are gaining the skills and knowledge needed not only to perform but to thrive in a global workplace.

We see accreditation as a path to continuous improvement and excellence. As a global accreditor in the STEM fields, the impact of our work is broad and far-reaching. Through the efforts of our dedicated and highly skilled Experts, we collaborate with the programs that are shaping the workforce of the future. Our role is to help them prepare the students of today—the tech professionals of tomorrow—to tackle the many global issues facing humankind.

For this reason, we aligned the theme and content of our flagship event, the ABET Symposium, with the UN Sustainable Development Goals and the NAE Grand Challenges for Engineering. Last year, when we chose to bring the Symposium to Baltimore, we used our hometown as a backdrop to a lively exchange of ideas on how STEM education can positively affect society in cities and communities all over the world. Together with hundreds of leaders in our field, we explored our part in ensuring that the students of today are prepared to develop those solutions that will make life on our planet safer, more sustainable and more comfortable for all its citizens.

It is our commitment to focus on the future and to ensure that programs worldwide receive the support and the resources they need to deliver the best possible educational experience to their students.

Best regards,



Wayne R. Bergstrom, Ph.D., P.E.  
2016-17 ABET President

Michael K.J. Milligan, Ph.D., P.E., C.A.E.  
ABET Executive Director and  
Chief Executive Officer

# ABET AT A GLANCE

## About ABET

We are a forward-thinking, purpose-driven organization recognized by the Council for Higher Education Accreditation. A federation comprised of 35 professional and technical member societies, we accredit college and university programs in the areas of applied and natural science, computing, engineering and engineering technology at the associate, bachelor and master degree levels. Based in Baltimore, our reach is global and we have more than 3,850 programs in more than 775 institutions in 31 countries.

We accredit programs, not institutions. As a specialized accreditor, we provide accreditation for post-secondary programs within degree-granting institutions already recognized by national or regional institutional accreditation agencies or national education authorities worldwide.

Our accreditation is voluntary and to date nearly 3,850 programs at over 775 colleges and universities in 31 countries have received ABET accreditation.

With ABET accreditation, students, employers and the society we serve can be confident that a program meets the quality standards that produce graduates prepared to enter a global workforce.

## ABET's Strategic Priorities 2016-2019

To position ABET for the future and to make our organization stronger and more agile, our Board of Directors and senior leadership have identified five areas of strategic importance to ABET for the next three years:

1. Enhance effective, efficient, scalable processes to support ABET operations and services.
2. Strengthen ABET's core products and expand services to address the changing needs of our growing constituency.
3. Develop and execute a communications plan to engage constituents and build confidence in the benefits of ABET's accreditation process and services.
4. Improve technical education worldwide through accreditation, partnerships, and engagement.
5. Implement and refine the new governance structure.



# 2017 ABET AWARDS

As an organization committed to inspiring confidence in higher education, we admire and applaud remarkable achievements. On October 20, 2017, distinguished guests were invited to the Hyatt Regency in Baltimore's Inner Harbor, where we held the ABET Awards Gala. ABET leadership, Experts and staff came together to celebrate the achievements of some of our most dedicated Experts and individuals who are taking huge strides in bringing diversity to technical education.

## Linton E. Grinter Distinguished Service Award

*Recipients of the Linton E. Grinter Distinguished Service Award, ABET's highest honor, are those ABET volunteers who follow in the namesake's footsteps and who surpass even the highest service expectations of the organization. They are acknowledged for outstanding contributions to the technical disciplines through their work in ABET-related activities.*

## David K. Holger, Ph.D.

### 2017 Linton E. Grinter Distinguished Service Award

For decades-long service to ABET, including leadership positions guiding the Engineering Accreditation Commission, Board of Directors and Global Council; for advancing the accreditation of higher education in the STEM professions throughout the world; and for the success of ABET resulting directly from his involvement.



## Fellow of ABET Awards

The ABET Fellow Award is presented annually to recognize those individuals who have given sustained quality service to the ABET-related professions, in general, and to education within the ABET disciplines, in particular, through the activities of ABET.



**David B. Beasley, Ph.D.**

In recognition of exceptional dedication and leadership of the Engineering Accreditation Commission and for significant contributions to accreditation criteria, including general engineering, biological engineering and master's level programs.

**Harold C. Grossman, Ph.D.**

In recognition of outstanding contributions to computer science education, sustained leadership in the Computing Accreditation Commission and CSAB, and in unifying activities of the commissions as chair of the Accreditation Council.



**John Andrew Orr, Ph.D.**

In recognition of a sustained commitment to outcomes-based accreditation and improvement of the accreditation process and for leadership of the Engineering Accreditation Commission, IEEE, CEAA and ASEE with a focus on engineering education.

**K.J. (Jamie) Rogers, Ph.D., P.E.**

In recognition of exemplary leadership as director and president enabling the maintenance of ABET's gold standard reputation in educational accreditation during the rebranding and transition to the new governance structure.



**John J. Sammarco, Ph.D.**

In recognition of outstanding dedication, service and leadership of the Engineering Technology Accreditation Commission and for implementing substantial improvements to critical processes both within ETAC and across all commissions.

## Claire L. Felbinger Award for Diversity

The Claire L. Felbinger Award for Diversity recognizes U.S.-based individuals, educational units, associations and firms for extraordinary success in achieving diversity and inclusiveness or for facilitating diversity and inclusiveness in the technological segments of our society.



**Emily L. Allen, Ph.D.**

A dedicated educator who works to enhance the success of students from under-served minority communities and a thought leader to shift the paradigm of engineering education to build a diverse and inclusive workforce.



**Karen A. Thole, Ph.D.**

For tireless, long-term advocacy of diversity, for leadership throughout her career mentoring and promoting underrepresented colleagues and students and for founding the Engineering Ambassadors Network with its outreach emphasis.

## ABET Innovation Award

The ABET Innovation Award recognizes vision and commitment that challenge the status-quo in technical education. It honors individuals, organizations or teams that are breaking new ground by developing and implementing innovation into their ABET-accredited programs.



**Iron Range Engineering and Twin Cities Engineering, Minnesota State University, Mankato**

For educating their students in innovative ABET-accredited programs that feature transdisciplinary thinking, industry-sponsored project-based learning, experiential learning in context, competency-based assessments and significant exposure to professionalism, design and creativity.

# ACCREDITATION STATISTICS

AS OF OCTOBER 1, 2017

## WORLDWIDE



**3852**  
PROGRAMS

**776**  
INSTITUTIONS

## UNITED STATES



**3175**  
PROGRAMS

**637**  
INSTITUTIONS

## OUTSIDE THE US



**677**  
PROGRAMS

**139**  
INSTITUTIONS

## INCREASES SINCE 2016

**206**  
PROGRAMS

**24**  
INSTITUTIONS

# GLOBAL IMPACT

ABET HAS ACCREDITED PROGRAMS IN 31 COUNTRIES



Austria  
Bahrain  
Chile  
China  
Colombia  
Ecuador  
Egypt  
India  
Indonesia  
Jordan  
Kazakhstan

Kuwait  
Lebanon  
Mexico  
Morocco  
Oman  
Palestine  
Peru  
Philippines  
Poland  
Portugal  
Qatar

Russian Federation  
Saudi Arabia  
Singapore  
South Africa  
Spain  
Turkey  
United Arab Emirates  
United States of America  
Vietnam

	ANSAC (AS)	ANSAC (BS)	ANSAC (MS)	CAC (BS)	EAC (BS)	EAC (MS)	ETAC (AS)	ETAC (BS)
Aerospace					7			
Agricultural					1			
Air Conditioning							1	
Architectural					3	1	1	
Bioengineering and Biomedical					16			1
Biological					10			
Chemical					33			
Civil					51		6	4
Communications					6			
Computer					49		1	8
Computer Science				69				
Construction					4		4	5
Construction Management		5						
Electrical					81		13	17
Engineering							2	2
Engineering Management					11			
Engineering, Eng. Physics & Eng. Science					15			
Environmental					11		1	
Environmental, Health, and Safety		1						
General Criteria Only		6		9	31	2	4	2
Geological					5			
Industrial					29		2	3
Industrial Hygiene		1	5					
Information Systems				10				
Information Technology				11				
Instrumentation and Control Systems							1	1
Manufacturing					5			5
Materials					11			
Mechanical					71		8	11
Metallurgical					3			
Mining					7			
Naval Architecture and Marine					5			
Nuclear and Radiological					6			
Ocean					3			
Optics					2			
Petroleum					8			
Safety		3	1					
Software					10			
Surveying and Geomatics	2	4					2	
Systems					8			
Telecommunications					2			

**PROGRAMS VISITED BY CURRICULAR AREA**  
2016-17



*\*Individual programs may embrace more than one curricular area, and thus may be counted more than once in this table.*



**ACTIONS FOR GENERAL REVIEWS**  
2016-17

	ANSAC	CAC	EAC	ETAC	TOTAL
<b>Next General Review (NGR)</b>	19 68%	64 70%	385 90%	70 84%	<b>538</b> <b>85%</b>
<b>Interim Report (IR)</b>	9 32%	22 24%	39 9%	13 16%	<b>83</b> <b>13%</b>
<b>Interim Visit (IV)</b>	—	5 5%	3 <1%	—	<b>8</b> <b>1%</b>
<b>Show Cause Report (SCR)</b>	—	1 1%	—	—	<b>1</b> <b>&lt;1%</b>
<b>Not to Accredit (NA)</b>	—	—	1 <1%	—	<b>1</b> <b>&lt;1%</b>

	CAC (BS)	EAC (BS)	EAC (MS)	ETAC (AS)	ETAC (BS)	ANSAC (AS)	ANSAC (BS)	ANSAC (MS)
Aeronautical				2	3			
Aerospace		76	3					
Agricultural		15	1					
Air Conditioning				2				
Architectural		24	2	10	5			
Automotive				1	4			
Bioengineering and Biomedical		121	1	3	5			
Biological		45						
Ceramic		3						
Chemical		213	1	2	4			
Civil		306	3	33	24			
Communications		15						
Computer		305	2	22	37			
Computer Science	358							
Construction		20	2	12	27			
Construction Management							7	
Drafting and Design (General)				1	1			
Drafting and Design (Mechanical)				5	3			
Electrical		434	3	86	103			
Electromechanical				3	7			
Engineering				6	23			
Engineering Management		25	4					
Engineering Mechanics		4						
Engineering, Eng. Physics & Eng. Science		107						
Environmental		77	3	3	1			
Environmental, Health, and Safety							4	
Fire Protection		1			1			
General Criteria Only	20	80	3	28	19	1	18	2
Geological		18						
Health Physics							3	5
Industrial		150	5	5	11			
Industrial Hygiene							5	28
Information					2			
Information Systems	61							
Information Technology	56							
Instrumentation and Control Systems				5	5			
Manufacturing		26	1	6	22			
Marine					3			
Materials		70						
Mechanical		403	2	53	71			
Metallurgical		10						
Mining		21	1					
Naval Architecture and Marine		15						
Nuclear and Radiological		31	1	3	2			
Ocean		10	1					
Optics		6						
Petroleum		32						
Safety						1	11	3
Software		35						
Surveying and Geomatics		8		6	4	2	11	
Systems		28	4					
Telecommunications		9	2	2	4			
Welding		1			1			

**PROGRAMS ACCREDITED BY CURRICULAR AREA**

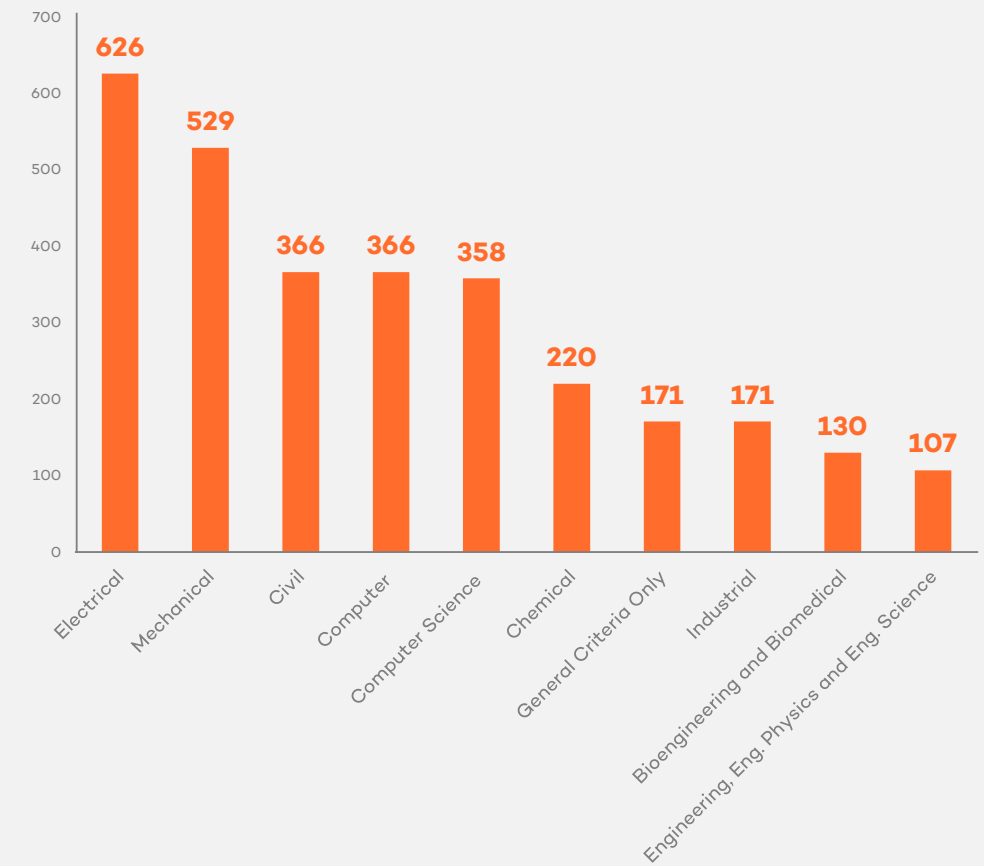
2016–17



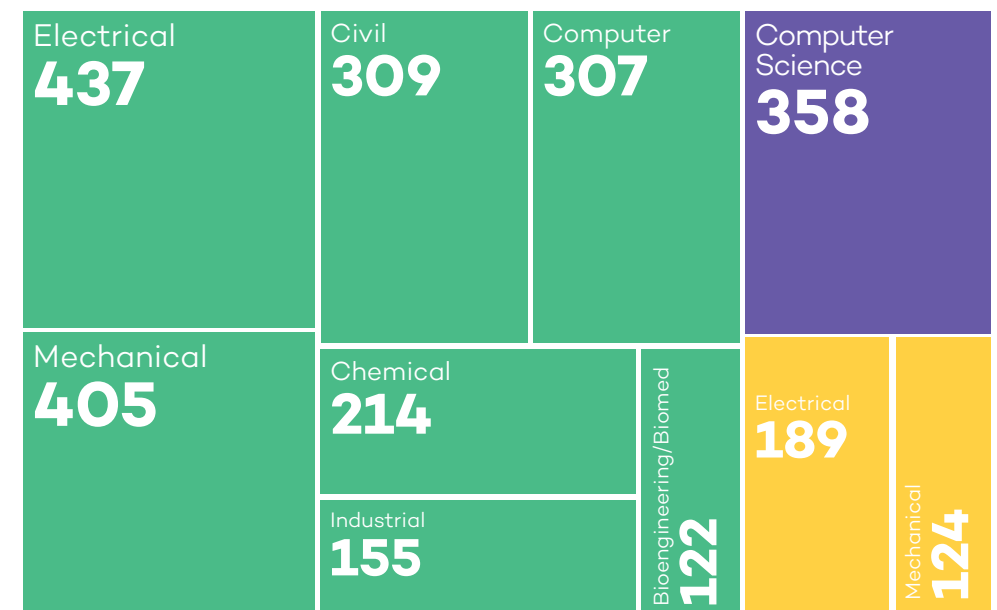
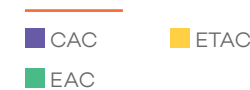
\*Individual programs may embrace more than one curricular area, and thus may be counted more than once in this table.

**10 LARGEST CURRICULAR AREAS BY NUMBER OF ACCREDITED PROGRAMS ACROSS ALL COMMISSIONS**

As of October 2, 2017



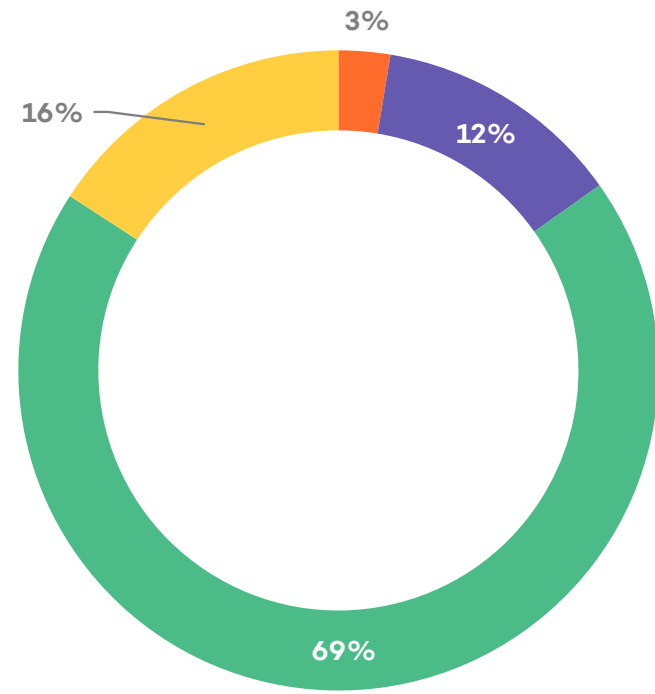
**10 LARGEST CURRICULAR AREAS ACCREDITED BY COMMISSION**





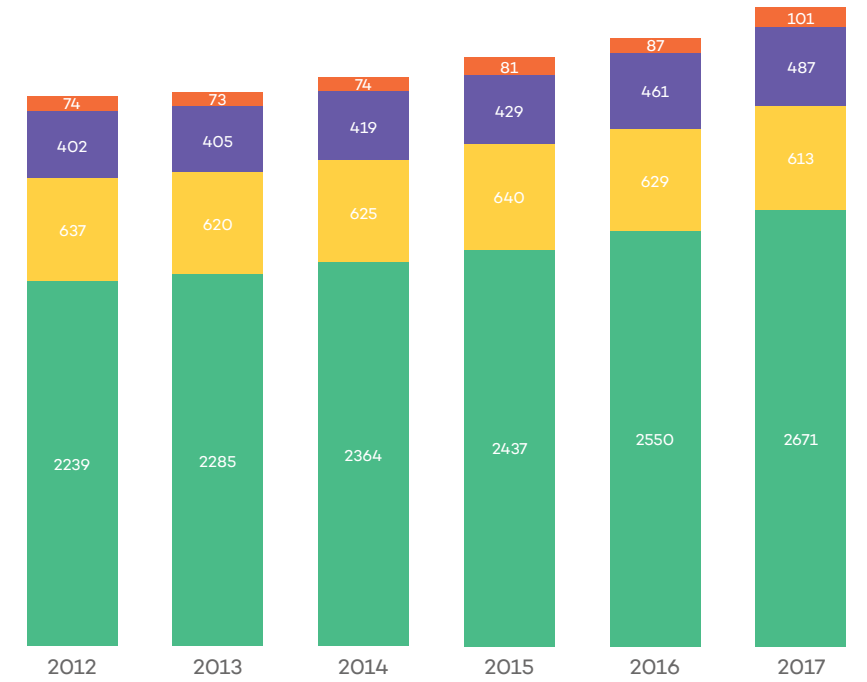
**ACCREDITED PROGRAMS BY COMMISSION**  
As of October 2, 2017

ANSAC (101)    EAC (2671)  
CAC (487)    ETAC (613)



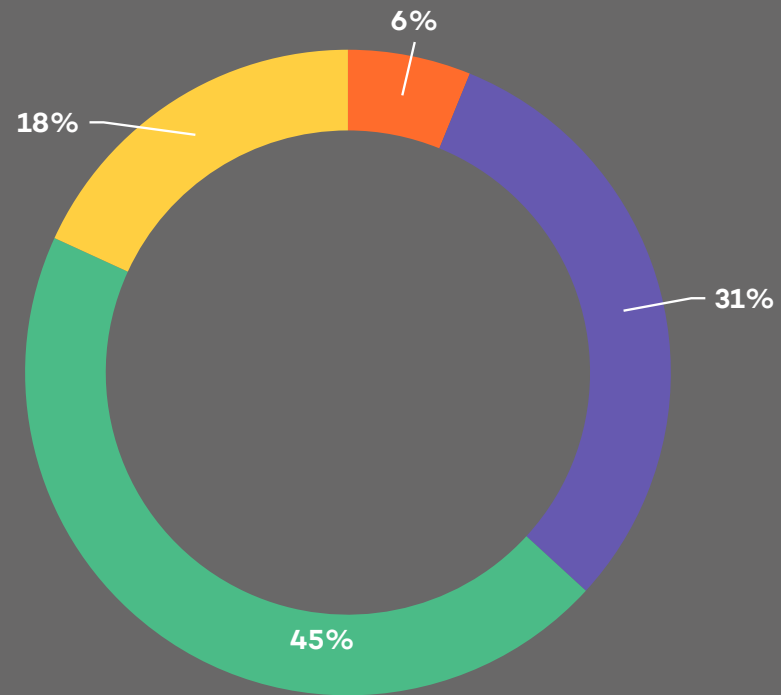
**ACCREDITED PROGRAMS BY COMMISSION**  
2012-17

ANSAC    EAC  
CAC    ETAC



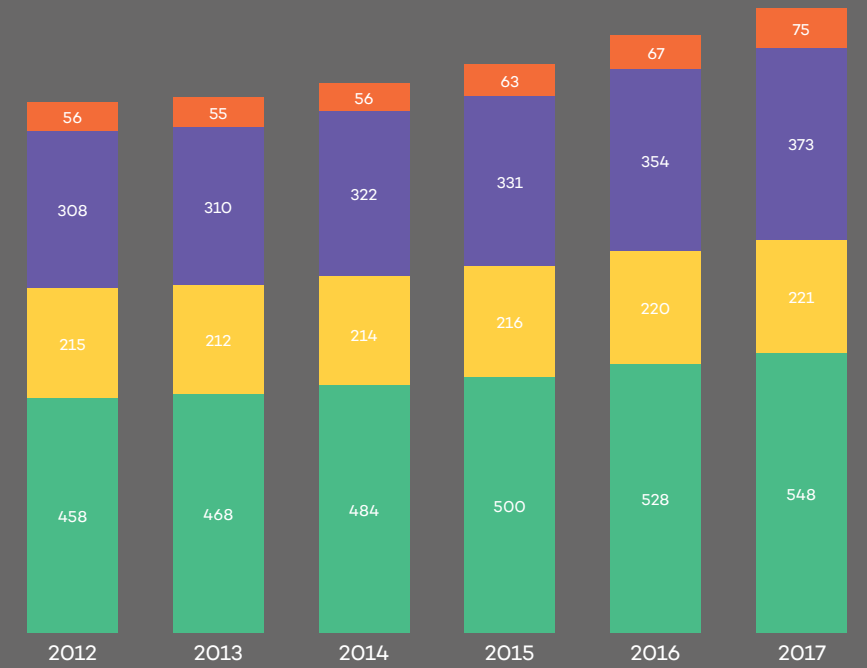
**INSTITUTIONS WITH ACCREDITED PROGRAMS BY COMMISSION**  
As of October 2, 2017

ANSAC (75)    EAC (548)  
CAC (373)    ETAC (221)



**INSTITUTIONS WITH ACCREDITED PROGRAMS BY COMMISSION**  
2012-17

ANSAC    EAC  
CAC    ETAC



# STATISTICS: ACCREDITATION TRENDS

## ACTIONS FOR GENERAL REVIEWS, 2012-2017

Applied and Natural Science Accreditation Commission (ANSAC)

	NEXT GENERAL REVIEW	INTERIM REPORT	INTERIM VISIT	SHOW CAUSE	NOT TO ACCREDIT
2012	62%	31%	0%	8%	0%
2013	78%	22%	0%	0%	0%
2014	67%	33%	0%	0%	0%
2015	61%	28%	0%	11%	0%
2016	80%	13%	7%	0%	0%
2017	68%	32%	0%	0%	0%

## ACTIONS FOR GENERAL REVIEWS, 2012-2017

Engineering Accreditation Commission (EAC)

	NEXT GENERAL REVIEW	INTERIM REPORT	INTERIM VISIT	SHOW CAUSE	NOT TO ACCREDIT
2012	76%	21%	2%	0%	0%
2013	79%	16%	3%	0%	0%
2014	89%	10%	<1%	<1%	0%
2015	90%	9%	<1%	0%	<1%
2016	85%	13%	<1%	1%	<1%
2017	90%	9%	<1%	0%	<1%

## ACTIONS FOR GENERAL REVIEWS, 2012-2017

Computing Accreditation Commission (CAC)

	NEXT GENERAL REVIEW	INTERIM REPORT	INTERIM VISIT	SHOW CAUSE	NOT TO ACCREDIT
2012	51%	29%	8%	7%	5%
2013	58%	29%	11%	3%	0%
2014	69%	25%	1%	1%	2%
2015	79%	20%	1%	0%	0%
2016	69%	26%	4%	1%	0%
2017	70%	24%	5%	1%	0%

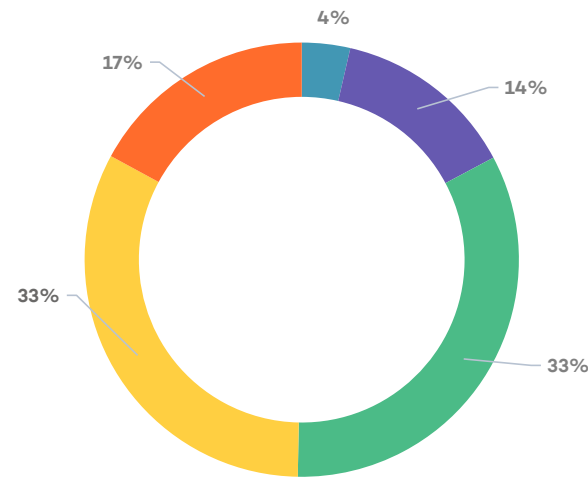
## ACTIONS FOR GENERAL REVIEWS, 2012-2017

Engineering Technology Accreditation Commission (ETAC)

	NEXT GENERAL REVIEW	INTERIM REPORT	INTERIM VISIT	SHOW CAUSE	NOT TO ACCREDIT
2012	60%	40%	0%	0%	0%
2013	64%	31%	3%	0%	2%
2014	80%	17%	1%	2%	0%
2015	67%	33%	0%	0%	0%
2016	65%	27%	8%	0%	0%
2017	85%	15%	0%	0%	0%

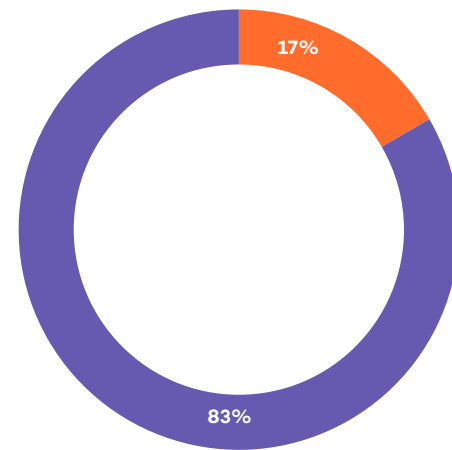
# STATISTICS: 2016-17 VOLUNTEER CHARACTERISTICS

## AGE



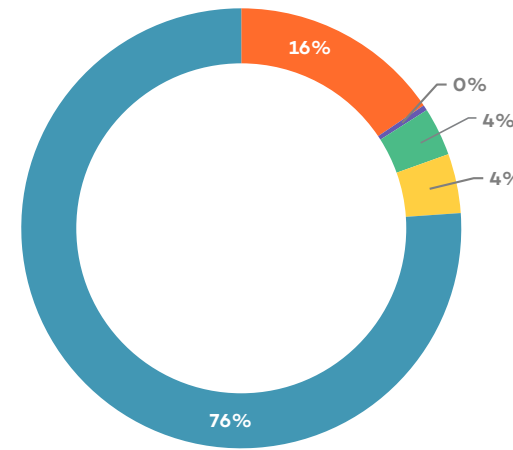
- 30 - 39 (56)
- 40 - 49 (212)
- 50 - 59 (515)
- 60 - 69 (508)
- 70 - 79 (266)

## GENDER



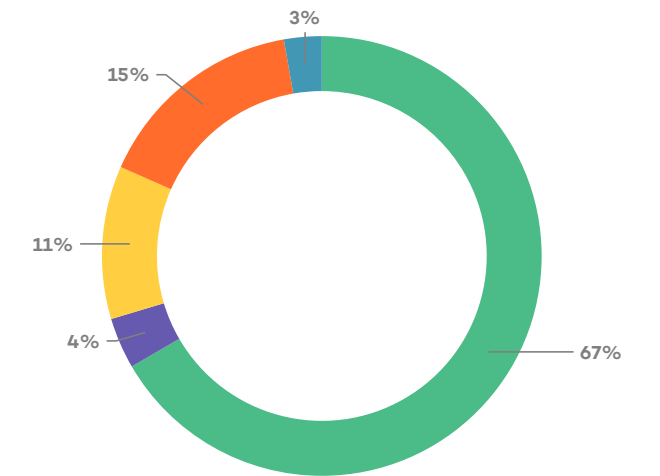
- Male (1553)
- Female (310)

## ETHNICITY



- Asian or Pacific Islander (271)
- American Indian or Alaskan Native (7)
- Hispanic (62)
- Black, not of Hispanic Origin (76)
- White, not of Hispanic Origin (1325)

## JOB SECTOR



- Practitioner (316)
- Government (76)
- Academic (1349)
- Industry (228)
- Other (22)

\*Data are self-reported and current as of October 2, 2017.

\*Data are self-reported and current as of October 2, 2017.

# 2016-17 FINANCIAL HIGHLIGHTS

## Independent Auditors' Report



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1901 L STREET, NW  
SUITE 750  
WASHINGTON, DC 20036  
(T) 202.822.0717  
(F) 202.822.0739

### Independent Auditors' Report

To the Board of Directors  
Accreditation Board for Engineering  
and Technology, Inc.  
Baltimore, Maryland

We have audited the accompanying financial statements of Accreditation Board for Engineering and Technology, Inc., (ABET) (a nonprofit organization), which comprise the statements of financial position as of September 30, 2017 and 2016, and the related statements of activities and cash flows for the years then ended, and the related notes to the financial statements.

#### Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

#### Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditors consider internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

#### Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of ABET as of September 30, 2017 and 2016, and the changes in its net assets and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

COUNCILOR, BUCHANAN & MITCHELL, P.C. – CPAs AND BUSINESS ADVISORS  
www.cbmcpa.com



To the Board of Directors  
Accreditation Board for Engineering and Technology, Inc.

#### Report on Supplementary Information

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The schedule of expenses without indirect expense allocation for the year ended September 30, 2017, with the comparative totals for the year ended September 30, 2016, on page 14, is presented for purposes of additional analysis and is not a required part of the financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the financial statements as a whole.

*Councilor, Buchanan & Mitchell, P.C.*

Bethesda, Maryland  
February 28, 2018

Certified Public Accountants

- 4 -

## 2016-17 STATEMENT OF FINANCIAL POSITION

September 30, 2017 (With Comparative Totals for September 30, 2016)

	2017	2016
<b>Assets</b>		
<b>Current Assets</b>		
Cash and Cash Equivalents	\$ 4,926,214	\$ 3,333,960
Accounts Receivable, Less Allowance for Doubtful Accounts of Approximately \$113,000 and \$94,000 for 2017 and 2016, Respectively	902,971	1,186,255
Prepaid Expenses and Other Current Assets	506,604	634,271
Investments	5,285,659	4,823,663
<b>Property and Equipment and Intangible Assets – Net</b>	<b>4,127,554</b>	<b>4,064,744</b>
<b>Investment in Deferred Compensation</b>	<b>275,578</b>	<b>14,250,011</b>
<b>Total Assets</b>	<b>\$ 16,024,580</b>	<b>\$ 14,250,011</b>
<b>Liabilities and Net Assets</b>		
<b>Liabilities</b>		
Accounts Payable and Accrued Expenses	\$ 1,719,148	\$ 1,686,385
Deferred Revenues	5,089,209	4,946,959
Deferred Compensation Payable	275,578	207,118
<b>Total Liabilities</b>	<b>7,083,935</b>	<b>6,840,462</b>
<b>Unrestricted Net Assets</b>	<b>8,940,645</b>	<b>7,409,549</b>
<b>Total Liabilities and Net Assets</b>	<b>\$ 16,024,580</b>	<b>\$ 14,250,011</b>

\* See accompanying *Notes to Financial Statements* (beginning on page 27).

## 2016-17 STATEMENT OF ACTIVITIES

For the Year Ended September 30, 2017 (With Comparative Totals for the Year Ended September 30, 2016)

	2017	2016
<b>Support and Revenues</b>		
Accreditation Fees	\$ 8,900,400	\$ 8,599,566
Donated Services	10,925,590	10,115,438
Membership Assessments	1,920,832	1,689,487
Professional Service Revenues	1,082,990	889,530
Interest and Dividend Income	25,370	27,230
Gain on Investments	323,178	41,406
Other Revenue	108,131	143,706
<b>Total Support and Revenues</b>	<b>23,286,491</b>	<b>21,506,363</b>
<b>Expenses</b>		
Program Service Expenses		
Accreditation	4,669,228	4,276,652
Accreditation Donated Services	10,925,590	10,115,438
<b>Total Accreditation</b>	<b>15,594,818</b>	<b>14,392,090</b>
Professional Services	1,733,312	1,967,243
Governance	1,536,278	1,389,371
Planning and Operations	1,818,485	1,899,963
<b>Total Program Services Expenses</b>	<b>20,682,893</b>	<b>19,648,667</b>
Supporting Services		
General and Administrative	855,758	894,100
Membership	216,744	244,189
<b>Total Supporting Services</b>	<b>1,072,502</b>	<b>1,138,289</b>
<b>Total Expenses</b>	<b>21,755,395</b>	<b>20,786,956</b>
Increase in Unrestricted Net Assets	1,531,096	719,407
Unrestricted Net Assets, Beginning of Year	7,409,549	6,690,142
<b>Unrestricted Net Assets, End of Year</b>	<b>\$ 8,940,645</b>	<b>\$ 7,409,549</b>

\* See accompanying *Notes to Financial Statements* (beginning on page 27).

## 2016-17 STATEMENT OF CASH FLOWS

For the Year Ended September 30, 2017 (With Comparative Totals for the Year Ended September 30, 2016)

	2017	2016
<b>Cash Flows from Operating Activities</b>		
Increase in Unrestricted Net Assets	\$ 1,531,096	\$ 719,407
Adjustments to Reconcile Increase in Unrestricted Net Assets to Net Cash Provided by Operating Activities		
Depreciation and Amortization	327,272	269,185
Gain on Investments	(323,178)	(41,406)
Loss on Disposal of Property and Equipment and Intangible Asset	-	867
<u>(Increase) Decrease in Assets</u>		
Accounts Receivable	283,284	253,870
Prepaid Expenses and Other Current Assets	127,667	13,474
Investments in Deferred Compensation	(68,460)	(76,160)
<u>Increase (Decrease) in Liabilities</u>		
Accounts Payable and Accrued Expenses	32,763	(711,245)
Deferred Revenues	142,250	216,431
Deferred Compensation Payable	68,460	76,160
Net Cash Provided by Operating Activities	2,121,154	720,583
<b>Cash Flows from Investing Activities</b>		
Purchases of Property and Equipment and Intangible Assets	(390,082)	(387,256)
Proceeds from Redemptions/Sales of Investments	3,080,184	3,600,000
Purchases of Investments	(3,219,002)	(3,369,871)
Net Cash Used in Investing Activities	(528,900)	(157,127)
Net Increase (Decrease) in Cash and Cash Equivalents	1,592,254	563,456
Cash and Cash Equivalents, Beginning of Year	3,333,960	2,770,504
<b>Cash and Cash Equivalents, End of Year</b>	<b>\$ 4,926,214</b>	<b>\$ 3,333,960</b>

\* See accompanying *Notes to Financial Statements* (beginning on page 27).

## 2016-17 NOTES TO FINANCIAL STATEMENTS

### 1. Organization

Accreditation Board for Engineering and Technology, Inc. (ABET) was organized in 1932 and incorporated in 1963. ABET accredits applied science, computing, engineering, and technology programs at colleges and universities throughout the United States as well as internationally. ABET also conducts faculty improvement workshops. ABET is supported primarily by accreditation fees, donated accreditation services, and membership assessments.

### 2. Summary of Significant Accounting Policies

#### Basis of Accounting

The accompanying financial statements are presented on the accrual basis of accounting. Consequently, revenue is recognized when earned and expenses when incurred.

#### Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America (US GAAP) requires management to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results could differ from those estimates.

#### Cash and Cash Equivalents

ABET considers all highly-liquid investments with an initial maturity of three months or less, when purchased, to be cash equivalents.

#### Investments

Investments are stated at fair value. The valuation of the investments is based upon quotations obtained from national securities

exchanges. Where securities are not listed on an exchange, quotations are obtained from other published sources.

#### Accounts Receivable

Accounts receivable are reported at their outstanding balances reduced by an allowance for doubtful accounts, if necessary

Management periodically evaluates the adequacy of the allowance for doubtful accounts by considering ABET's past receivables loss experience, known and inherent risks in the accounts receivable population, adverse situations that may affect a client's ability to pay, and current economic conditions.

The allowance for doubtful accounts is increased by charges to bad debt expense and decreased by charge offs of uncollectible accounts receivable balances. Accounts receivable are considered past due, and then charged off based on management's determination that they are uncollectible.

#### Property and Equipment and Intangible Assets

Acquisitions of property and equipment in excess of \$1,000 are capitalized. Property and equipment are stated at cost, if purchased, or at fair market value at date of donation, if contributed. Depreciation is provided over the estimated useful lives of the assets on a straight-line basis.

Costs of developing database software have been capitalized. Depreciation will be provided over the estimated time the database will be utilized and will commence when the database is fully operational.

(continued)

**Certificate of Deposit - Restricted**  
 ABET has pledged a \$200,000 certificate of deposit to collateralize its American Express credit cards.

**Support and Revenues**

Revenue from membership assessments is recognized over the period to which the assessments relate, and revenue from professional services is recognized when the related services are performed. Accreditation fees are recognized when ABET releases its final reports.

Unrestricted contributions received for ABET's programs are recognized as support when the donor has made an unconditional promise to give. Unless specifically restricted by the donor or the grantor, all contributions and grants are considered to be available for unrestricted use. Contributions that are restricted by the donor are reported as increases in unrestricted net assets if the restrictions expire (that is, when a stipulated time restriction ends or purpose restriction is accomplished) in the reporting period in which the revenue is recognized.

**Donated Services**

Donated services are recognized as contributions if the services (a) create or enhance nonfinancial assets or (b) require specialized skills, are performed by people with those skills, and would otherwise be purchased by ABET.

**Income Taxes**

ABET is exempt from income taxes under Section 501(c)(3) of the Internal Revenue Code (the Code). In addition, ABET has been determined by the Internal Revenue Service not to be a private foundation within the meaning of Section 509(a) of the Code.

ABET requires that a tax position be recognized or derecognized based on a "more-likely-than-not" threshold. This applies to positions taken or expected to be taken in a tax return. ABET does not believe its financial statements include, or reflect, any uncertain tax positions.

ABET's IRS Form 990, Return of Organization Exempt from Income Tax, and related state filings are subject to examination by federal and state taxing authorities generally for three years after they were filed.

**Functional Allocation of Expenses**

The costs of providing the various programs and other activities have been summarized on a functional basis in the statements of activities. Accordingly, certain costs have been allocated among the programs and supporting services benefited.

**Reclassifications**

Certain prior year amounts have been reclassified for comparative purposes.

**3. Concentration of Credit Risk**

ABET maintains its cash balances at certain financial institutions which, at times, may exceed federally insured limits. ABET has not experienced any losses in such accounts and believes it is not exposed to any significant financial risk on cash.

**4. Fair Value Measurements**

The fair value hierarchy prioritizes the inputs to valuation techniques used to measure fair value into three broad levels as follows:

**Level 1** - inputs to the valuation methodology are quoted prices (unadjusted) for identical assets or liabilities in active markets (examples include mutual funds);

**Level 2** - inputs to the valuation methodology include quoted prices for similar assets and liabilities in active markets, and inputs that are observable for the asset or liability other than quoted prices, either directly or indirectly, including inputs in markets that are not considered to be active (examples include corporate or municipal bonds and certificates of deposit);

**Level 3** - inputs to the valuation methodology are unobservable and significant to the fair value measurement. The inputs into the determination of fair value require significant management judgment (examples include certain private equity securities and split interest agreements).

Categorization within the valuation hierarchy is based upon the lowest input that is significant to the fair value measurement.

The following presents ABET's assets and liabilities measured at fair value as of September 30, 2017:

	Fair Value	Level 1	Level 2	Level 3
Certificate of Deposit	\$ 1,736,529	\$ —	\$ 1,736,529	\$ —
Certificate of Deposit - Restricted	\$ 200,000	\$ —	\$ 200,000	\$ —
Mutual Funds - Alternatives	\$ 313,605	\$ 313,605	\$ —	\$ —
Mutual Funds - Fixed Incomes	\$ 835,660	\$ 835,660	\$ —	\$ —
Mutual Funds - Equities	\$ 789,710	\$ 789,710	\$ —	\$ —
Mutual Funds - Exchange Traded Funds	\$ 1,410,155	\$ 1,410,155	\$ —	\$ —
Investment in Deferred Compensation - Mutual Funds	275,578	257,578	—	—
<b>Total Assets at Fair Value</b>	<b>\$ 5,561,237</b>	<b>\$ 3,624,708</b>	<b>\$ 1,936,529</b>	<b>\$ —</b>
Deferred Compensation Liability	\$ 275,578	\$ 275,578	\$ —	\$ —
<b>Total Liabilities at Fair Value</b>	<b>\$ 275,578</b>	<b>\$ 275,578</b>	<b>\$ —</b>	<b>\$ —</b>

The following presents ABET's assets and liabilities measured at fair value as of September 30, 2016:

	Fair Value	Level 1	Level 2	Level 3
Certificate of Deposit	\$ 2,001,122	\$ —	\$ 2,001,122	\$ —
Certificate of Deposit - Restricted	\$ 200,000	\$ —	\$ 200,000	\$ —
Mutual Funds - Alternatives	131,770	131,770	—	—
Mutual Funds - Fixed Income	391,649	391,649	—	—
Mutual Funds - Equities	539,543	539,543	—	—
Mutual Funds - Exchange Traded Funds	1,559,579	1,559,579	—	—
Investment in Deferred Compensation - Mutual Funds	207,118	207,118	—	—
<b>Total Assets at Fair Value</b>	<b>\$ 5,030,781</b>	<b>\$ 2,829,659</b>	<b>\$ 2,201,122</b>	<b>\$ —</b>
Deferred Compensation Liability	\$ 207,118	\$ 207,118	\$ —	\$ —
<b>Total Liabilities at Fair Value</b>	<b>\$ 207,118</b>	<b>\$ 207,118</b>	<b>\$ —</b>	<b>\$ —</b>

ABET's Level 2 investments are valued based on readily available pricing sources for comparable investments.

**5. Property and Equipment and Intangible Assets**

The major components of property and equipment and intangible assets are as follows:

Land	\$ 360,000
Building	2,107,959
Learning Center	1,035,037
Information Management Systems	705,021
Information Management Systems - In Development	722,850
Equipment	516,646
Furniture and Fixtures	248,427
Computer Software	301,624
Intangible Assets	57,939
Subtotal	6,055,503
Less Accumulated Depreciation and Amortization	(1,927,949)
<b>Net Property and Equipment</b>	<b>\$ 4,127,554</b>

**6. Donated Services**

ABET records donated services contributions for accreditation services rendered by the volunteer commissioners and program evaluators. During the years ended September 30, 2017 and 2016, ABET recorded approximately \$10,926,000 and \$10,115,000, respectively, of donated services and accreditation expense in the statements of activities, which represents approximately 76,000 and 70,000 hours of donated time, respectively.

(continued)

## 7. Retirement Plan

ABET has a 403(b) retirement plan open to all employees. Employees are eligible for matching contributions after six months of employment, but can elect to defer their wages immediately. ABET contributes up to 8% of a participant's compensation, subject to statutory limits, provided the participant's elective deferrals equal or exceed 5% of compensation. ABET's contribution to the retirement plan was approximately \$190,000 and \$193,000 for the years ended September 30, 2017 and 2016, respectively.

## 8. Deferred Compensation Plan

Effective July 1, 2013, ABET established a nonqualified 457(b) deferred compensation plan (the 457 Plan) for certain highly compensated employees. The 457 Plan requires that ABET establish and maintain a book entry account on behalf of the employees for participant salary deferrals and investment experience related to the 457 Plan. Employer contributions are not permitted. ABET is not liable for any specific investment success nor is it required to restore any loss of principal that may occur due to market conditions. Under current law, such funds remain the assets of ABET and, as such, are subject to the creditors of ABET.

## 9. Related Party Transactions

ABET Foundation, Inc., (the Foundation), a nonprofit corporation, is a related party because of common members of administrative management. ABET provides services to the Foundation under an Administrative Support Agreement (the Agreement). The Agreement terminates on June 30, 2018; however, it can be terminated by either party, without penalty, with sixty days' notice. For the year ended September 30, 2017 and 2016, ABET charged the Foundation approximately \$27,000 and \$23,000, respectively, for services under the Agreement.

## 10. Employment Agreement

In March of 2015, ABET entered into an employment agreement with its Executive Director (ED). If the ED is terminated for any reason other than cause, as defined in the employment agreement, ABET will pay severance based on the terms of the employment agreement.

## 11. Subsequent Events

ABET has evaluated subsequent events through February 28, 2018, the date on which the financial statements were available to be issued.

### Accreditation Board for Engineering and Technology, Inc.

Schedule of Expenses without Indirect Expense Allocation  
For the Year Ended September 30, 2017  
(With Comparative Totals for the Year Ended September 30, 2016)

	Accreditation	Professional Services	Governance	Planning & Operations	Membership	2017 Total Expenses	2016 Total Expenses
Professional Fees	\$ 11,400,263	\$ 243,252	\$ 46,060	\$ 480,526	\$ —	\$ 12,170,101	\$ 11,323,546
Salaries and Related Expenses	1,225,090	575,920	857,361	1,391,226	216,744	4,266,341	4,329,934
Travel	3,377,375	127,046	183,777	31,153	—	2,719,351	2,548,987
Hosted Meeting	372,619	482,947	392,599	12,326	—	1,260,491	1,280,425
Office Expense	97,568	86,306	6,207	103,488	—	293,569	344,973
Occupancy	325	—	—	114,408	—	114,733	136,847
Insurance	36,001	—	10,604	30,351	—	76,956	83,306
Bank Fees	—	10,779	—	76,400	—	87,179	63,038
Staff Development and Morale	32,873	14,772	1,597	48,172	—	97,414	39,211
Membership Dues - Organizations	52	7,250	28,311	10,373	—	45,986	57,282
Meeting Registration	—	10,590	1,500	4,473	—	16,563	16,187
Marketing	151	170,537	2,500	—	—	173,188	126,754
Volunteer Registration	51,096	1,298	4,209	802	—	57,405	63,027
Individual Membership Dues	1,405	2,615	1,553	2,044	—	7,617	33,973
Depreciation and Amortization	—	—	—	327,272	—	327,272	269,185
Bad Debt Expense	—	—	—	38,346	—	38,346	62,416
Miscellaneous	—	—	—	2,883	—	2,883	7,865
<b>Total Expenses without Indirect Expense Allocation</b>	<b>\$ 15,594,818</b>	<b>\$ 1,733,312</b>	<b>\$ 1,536,278</b>	<b>\$2,674,243</b>	<b>\$ 216,744</b>	<b>\$ 21,755,395</b>	<b>\$ 20,786,956</b>



## 2016-17 BOARD OF DIRECTORS

The ABET Board of Directors is the governing body responsible for strategic planning, financial oversight and managing the external relationships of our organization. It is also the final review body for appeal of decisions regarding accreditation actions for a specific program.

Our Board of Directors is comprised of 13 members: a President, President-Elect, Past-President, Secretary, Treasurer, four Area Directors, two At-Large Directors, one Public Director and the Executive Director/CEO (non-voting).

The Board of Directors is advised by three board-level councils – Academic, Industry and Global.

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Bechtel Infrastructure and Power Corporation

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Carnegie Mellon University  
(Retired)

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University of Colorado at Boulder

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Mary Leigh Wolfe, Ph.D.  
Virginia Polytechnic Institute  
and State University

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Craig N. Musselman, P.E.  
CMA Engineers, Inc.

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#### Applied and Natural Science Area Director

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ARM  
CH2M Hill Constructors

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#### At-Large Director

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Hewlett Packard Enterprise

#### Public Director

Nicole M. Chestang  
Nicole Chestang & Assoc., LLC

#### Executive Director and Chief Executive Officer

Michael K.J. Milligan, Ph.D., P.E., CAE  
ABET

## 2016-17 BOARD OF DELEGATES

The ABET Board of Delegates is responsible for approving accreditation policies and procedures, general criteria and the organization of our accreditation commissions.

Our Board of Delegates is comprised of 1-3 representatives from each of ABET's 35 member societies. The number of seats on the Board of Delegates is determined by the number of accredited programs for which the society is responsible. The President-Elect serves as a non-voting Chair of the Board of Delegates.

The Board of Delegates is advised by one board-level council – Accreditation.

#### AAEES – American Academy of Environmental Engineers and Scientists

John H. Koon, Ph.D.  
Georgia Institute of Technology

#### AAMI – Association for the Advancement of Medical Instrumentation

Steven J. Yelton, P.E., CHTM  
Cincinnati State Technical and Community College

#### ACerS/NICE – The American Ceramic Society's National Institute of Ceramic Engineers

Alexis Clare  
New York State College of Ceramics  
at Alfred University

#### AIAA – American Institute of Aeronautics and Astronautics

John P. Sullivan, Sc.D., M.S., B.S.  
Purdue University

#### AIChE – American Institute of Chemical Engineers

Thomas R. Hanley, Ph.D., MBA  
Auburn University

Thomas W. Peterson, Ph.D.  
University of California

#### AIHA – American Industrial Hygiene Association

Lawrence W. Whitehead, Ph.D.,  
FAIHA  
University of Texas-Houston

#### ANS – American Nuclear Society

Stanley H. Levinson, Ph.D.  
AREVA Inc.

#### ASABE – American Society of Agricultural and Biological Engineers

Van C. Kelly, P.E.  
South Dakota State University

#### ASCE – American Society of Civil Engineers

David Hornbeck, Ph.D.  
Southern Polytechnic State  
University

Thomas Lenox, Ph.D.  
American Society of Civil Engineers

Col. Steven J. Ressler, Ph.D., P.E.  
United States Military Academy

#### ASEE – American Society for Engineering Education

Walter W. Buchanan, Ph.D., J.D.  
Texas A&M University

David S. Dolling, Ph.D.  
The George Washington University

#### ASHRAE – American Society of Heating, Refrigerating, and Air-Conditioning Engineers

Mike Brandemuehl

#### ASME – American Society of Mechanical Engineers

Mary Kasarda  
Virginia Polytechnic Institute  
and State University

Lorraine Ann Kapka  
Sinclair College

William Wepfer  
Georgia Institute of Technology

#### ASSE – American Society of Safety Engineers

Christopher A. Janicak, Ph.D.  
Indiana University of Pennsylvania

#### BMES – Biomedical Engineering Society

John D. Gassert, Ph.D., P.E.  
Milwaukee School of Engineering

Paul J. Benkeser, Ph.D.  
Georgia Institute of Technology

#### CMAA – Construction Management Association of America

Walt Norko

#### CSAB, Inc.

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University of Louisiana  
at Lafayette

Ken Martin, Ph.D.  
Georgia Institute of Technology

Stuart H. Zweben, Ph.D.  
The Ohio State University

#### IEEE – Institute of Electrical and Electronics Engineers

Kenneth Cooper  
Westinghouse Savannah River Co  
(Retired)

Stephen M. Phillips, Ph.D.  
Arizona State University

S.K. Ramesh, Ph.D.  
California State University,  
Northridge

**IISE – Institute of Industrial & Systems Engineers**

J. Turner Hughey, M.S.  
Chromcraft Corporation

Jessica (Matson) Oswald, Ph.D.  
Tennessee Technological University

**INCOSE – International Council on Systems Engineering**

Phillip J. Brown  
Systems Engineering Associates

**ISA – International Society of Automation**

Robert P. Kosar

**MRS – Materials Research Society**

Todd C. Hufnagel  
Johns Hopkins University

**NACME – National Action Council for Minorities in Engineering**

Irving P. McPhail, Ph.D.  
The McPhail Group LLC

**NCEES – National Council of Examiners for Engineering and Surveying**

David L. Whitman, Ph.D., P.E.  
University of Wyoming

**NSPE – National Society of Professional Engineers**

Jon D. Nelson, P.E.  
Tetra Tech, Inc.

**NSPS – National Society of Professional Surveyors**

Robert Schmidt

**SAE International**

Frank Hughes, Ph.D.  
The Boeing Company (Retired)

**SFPE – Society of Fire Protection Engineers**

Victoria Valentine  
Society of Fire Protection Engineers

**SME – Society of Manufacturing Engineers**

Kolleen Schneider  
Andersen Windows

**SME-AIME – Society for Mining, Metallurgy, and Exploration**

Richard Sweigard  
University of Memphis

**SNAME – Society of Naval Architects and Marine Engineers**

Captain Paul J. Roden  
United States Coast Guard  
(Retired)

**SPE – Society of Petroleum Engineers**

Lloyd Heinze  
Texas Tech University

**SPIE – The International Society for Optics and Photonics**

Scott W. Teare  
New Mexico Institute of Mining and Technology

**SWE – Society of Women Engineers**

Suzanne McIntosh  
New York University

**TMS – The Minerals, Metals, and Materials Society**

Gillian Bond

**WEPAN – Women in Engineering ProActive Network**

Kristen Constant, Ph.D.  
Iowa State University

## 2016-17 ACADEMIC ADVISORY COUNCIL

The Academic Advisory Council (AAC) provides ABET leadership with access to academic viewpoints on issues of accreditation; applied and natural science, computing, engineering and engineering technology education; matters affecting the relevant professions; reactions to proposed ABET programs, procedures and policies as they relate to the education sector of ABET constituencies; and also provide opportunities for enhancing communication between ABET and the academic community.

The AAC develops and implement mechanisms to stimulate the involvement of diverse elements of the academic community in the work of ABET through increased participation as Board members, members of the Accreditation Commissions, program evaluators, committee members and attendees of ABET professional development events.

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University of Alaska, Anchorage

Ken Burbank, Ph.D.  
Purdue University

James Garrett, Jr., P.E.  
Carnegie Mellon University

Molly Gribb  
University of Wisconsin-Platteville

Charles Isbell, Ph.D.  
Georgia Institute of Technology

Keith Johnson, Ph.D.  
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The Ohio State University

Tim Wei  
University of Nebraska

John C. Williams, Ph.D.  
Alfred State College

James Zhang, Ph.D.  
Kettering University

## 2016-17 INDUSTRY ADVISORY COUNCIL

The Industry Advisory Council (IAC) provides the ABET Board of Directors with valuable perspectives on ABET's accreditation programs and procedures. ABET has charged the IAC to:

- Provide industry and government viewpoints on accreditation
- Review proposed changes in ABET programs and policies
- Stimulate industrial firms' involvement in ABET's work

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F.W. Roberts Manufacturing Co., Inc.

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## 2016-17 GLOBAL COUNCIL

The Global Council formulates and recommends policies and procedures regarding ABET's global activities to the Board of Directors for approval. These include participation in Mutual Recognition Agreements (MRAs) and Memoranda of Understanding (MOUs) with other quality assurance organizations outside of the U.S.

### Chair

David K. Holger, Ph.D.  
Iowa State University

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National Action Council for Minorities  
in Engineering, Inc. (NACME)

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CMAA

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University of California-Merced

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Jamie Rogers  
University of Texas at Arlington

Scott Teare  
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## 2016-17 ACCREDITATION COUNCIL

The Accreditation Council formulates and recommends policies and procedures regarding the ABET accreditation processes to ABET leadership. Particular emphasis is placed upon process improvement and process uniformity across the commissions.

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## 2016-17 APPLIED AND NATURAL SCIENCE ACCREDITATION COMMISSION

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**ANS – American Nuclear Society**

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**ASCE – American Society of Civil Engineers**

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**ASSE – American Society of Safety Engineers**

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Vanir Construction Management, Inc.

Lisa C. Sachs  
Cumming Construction Management, Inc.

**NCEES – National Council of Examiners for Engineering and Surveying**

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North Carolina Geodetic Survey

**NSPS – National Society of Professional Surveyors**

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Paul K. Male  
Paul K. Male, P.E. & P.L.S.

Rebecca Y. Popeck  
Spaceco, Inc.

**SME – Society of Manufacturing Engineers**

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