2016 Annual Report

1. Highlights

- The college hired 8 tenure-track faculty members and two professors of the practice, and three visiting professors.
- Faculty published 24 books and 260 book chapters and research articles.
- Faculty received $4,440,846 in research awards.
- IAC enrolled 583 full-time undergraduate majors in fall 2016, compared to 583 the previous fall. This continues our stabilization of major enrollments after several years of declines.
- IAC conferred 167 bachelor's degrees in 2016, compared to175 the previous year, a decline of 5%.
- IAC enrolled 243 graduate majors in fall 2016, compared to 226 in fall 2014, an increase of 7.5%.
- IAC conferred 59 masters and 17 Ph.D. degrees in 2016, compared to 55 and 14 the previous year, an increase of 10%.

2. Educational Programs

2a. Program Reviews

The Sam Nunn School of International Affairs completed its periodic program review in 2016. Key recommendations include:

- Concentrating efforts in three areas of strength:
  - -Global development
  - -Traditional security and new security challenges
  - - Science, technology and energy
- Securing scholarship money, especially for graduate students
- Increase diversity of faculty and students
- Engage Senator Nunn more in the life of the school
- Establish a greater presence in Washington, D.C.

Materials related to program review are posted to the GT program review site.

2b. Annual Progress in Assessing Institutional Effectiveness

The college again organized a workshop for undergraduate and graduate program directors to present their assessment materials. This has proved an effective mechanism for improving our assessment activities. There are still some problems in some units as far as engaging all faculty in assessment, but the college as a whole made progress.

2c. New Programs

None.

2d. Discontinued Programs

None.

3. Enrollment

The college ranks fourth, behind the College of Computing, in credit hours taught. Most these hours are at the undergraduate level, a reflection of the importance of the Liberal Arts in the education of all undergraduate students at Georgia Tech. Ivan Allen ranks fifth behind in undergraduate credit hours taught per full-time faculty member.

Undergraduate hours taught in Economics increased substantially compared to 2015, while those in International Affairs increased slightly, and others declined slightly. Since 2011 undergraduate credit hours have decreased by 10% for the college. Graduate credit hours taught decreased by 5% for the college as a whole compared to 2015, with an increase only in Economics.

The number of degrees granted decreased from 294 in 2015 to 244 in 2016. This decrease occurred at every level, BS, MS, and Phd.

The number of majors remained stable for Ivan Allen undergraduate programs, from 583 in 2015 to 583 in 2016. In 2016 Ivan Allen students were admitted at a slightly higher rate than for Georgia Tech as a whole. The number of graduate majors in Ivan Allen also increased, from 226 in 2015 to 243 in 2016, a second year of growth. The quality of our admitted students as measured by standard testing data continues to rise.

Data for enrollment is contained in the appendix.

4. Students

Undergraduate articles and chapters: 3
Undergraduate presentations: 5
Graduate articles and chapters: 31
Graduate presentations: 34
Art shows and other: 7

5. Faculty

5a. New Faculty Hired

Assistant Professors:
Omar Isaac Asensio, PUBP
Todd Michney, HSOC
Germán Vergara, HSOC
Joycelyn Wilson, LMC

Associate Professors:
Yongtaek Kim, ML
Alan Marco, PUBP
Susana Morris, LMC

Professors:
Eric Schatzberg, HSOC

Visiting and Professors of the Practice:
Danny Hughes, ECON
Mark Leibert, LMC
Dennis Lockhart, INTA
Juan Rubio-Ramirez, ECON
Raymond Riezman ECON

5b. Leaves of Absence:

Janelle Knox Hayes - Associate Professorship at MIT.

5c. Research

Single-authored books:
Auslander, Philip, *From Acting to Performance: Essays in Modernism and Postmodernism*, Routledge, 2016
Bogost, Ian, *Play anything: the pleasure of limits, the uses of boredom, and the secret of games*, Basic Books, 2016
Bohlken, Anjali. *Democratization from Above: The Logic of Local Democracy in the Developing World*, Cambridge University Press, 2016.
Dalle, Vacche, Angela, *Film, Art, New Media: Museum Without Walls?* Palgrave, 2016.

Amsterdam, Daniel. *Roaring Metropolis: Businessmen's Campaign for a Civic Welfare State.* University of Pennsylvania Press, 2016.
Farooq, Nihad, *Undisciplined: science, ethnography, and personhood in the Americas, 1830-1940*, NYU Press, 2016.
Hassan, Narin, *Diagnosing Empire*, Taylor and Francis, 2016.
Singh, Jennifer, *Multiple Autisms: Spectrums of Advocacy and Genomic Science* of University of Minnesota Press, 2016.
Krige, John, *Sharing Knowledge, Shaping Europe: U.S. Technological Collaboration and Nonproliferation,* MIT Press, 2016.
Le Dantec, Christopher, *Designing Publics*, MIT Press, 2016.
Madej, Krystina, *Physical Play and Children's Digital Games*, Springer, 2016.
Madej, Krystina, *Interactivity, Collaboration, and Authoring in Digital Media*, Springer, 2016.
Taylor, Mark Zachary, *The Politics of Innovation: Why Some Countries Are Better Than Others at Science and Technology*, Oxford University Press, 2016.
Telotte, Jay P. *Robot ecology and the science fiction film*, Routledge, 2016.
Wiedorn, Michael*. Think like an Archipelago: Paradox in the Work of Edouard Glissant*, SUNY Press, 2016.

Co-authored books:
Brown, Marilyn, et. al., *Fact and Fiction in Global Energy Policy*, Johns Hopkins University Press, 2016.
Boulard, Stephanie. *Dictionnaire Sauvage Pascal Quignard.* Calle-Gruber, Mireille & Frantz, Anaïs (dir.). Paris: Hermann, 2016.

Edited or co-edited books:
Bolter, Jay, ed., et al., *Ubiquitous computing, complexity, and culture*, Routledge, 2016
Walsh, John *SBIR/STTR at the Department of Energy*, report, 2016.
Walsh, John *SBIR at NASA*, report, 2016.
Klein, Lauren, ed. (et al.) *Debates in the digital humanities 2016*, U of MN Press, 2016.
Philip Shapira, et. al., eds., *Handbook of Innovation Policy Impact*, Cheltenham, UK: Edward Elgar, 2016.
Todres, Jonathan & Higinbotham, Sarah. *Human Rights in Children's Literature: Imagination and the Narrative of Law* Oxford University Press, 2016
Yaszek, Lisa, ed. (et al.), *Sisters of tomorrow: the first women of science fiction*, Wesleyan UP, 2016.

Book Chapters and Refereed Articles: 260

Presentations: 507

5d. Awards

Books:
Jenny Leigh Smith, Henry Wallace Prize
Sherie Randolph, Honorable Mention, Darlene Clark Hine Book Award, Organization of American Historians.
Sherie Randolph, 2016 Choice Outstanding Academic Title.
Juan Carlos Rodríguez. Honorable mention, National Poetry Award.
Institute of Puerto Rican Culture

Articles:
Kim Isett, Gold Award, American Society of Healthcare Publication Editors
Kim Isett, Best Paper Runner-Up, Public Management Review
Diana Hicks, EASST Ziman Award
Mariel Borowitz Research Honorarium to develop a paper under the Program on Strategic Stability Evaluation (POSSE).
Neha Kumar Best Paper Honorable Mention award at CHI 2016.

Teaching:
Richard Barke, Provost's Teaching and Learning Fellowship
Richard Barke, SPP Teacher of the Year Award
Mikulas Fabry, “Thank a Teacher”,GT Center for Enhancement of Teaching and Learning in Fall 2016.
Seymour Goodman, “Regents’ Professor”, The University System of Georgia Board of Regents.
Johnny Smith, Class of 1940 Course Survey Teaching Effectiveness Award, Spring 2016.
JafariNaimi, Nassim. CTL/BP Junior Faculty Teaching Excellence Award
Higinbotham, Sarah. Student's project selected as best multi-modal project in 1101/1102, 2016
Howard, James. Professional Tutor of the Year, Southeastern Writing Center Association, award in recognition of leadership, commitment, and excellence in a tutoring role.
Neefe, Lauren. Diversity and Inclusion Fellow, Georgia Tech Office of Institute Diversity
Neefe, Lauren. 2016 Multimodal Innovation Award, Georgia Tech WCP
Neefe, Lauren. 2016 Pedagogy Winner, North American Society for the Study of Romanticism
Taylor, Patricia. 2016 Award for Excellence in Pedagogy, Georgia Tech WCP
Lionel Gall; Kathrin Koppe; Natalia Myshkin; Lee Oh; Melissa Pilkington, and Samba Sy; 2016 Class of 1940 Course Survey Teaching Effectiveness Award.

Other:
Jennifer Clark, Faculty Fellow, Smart Cities, SLS
Jennifer Clark, International Faculty Participant, Science Tour 2016.
Jennifer Clark, Invited to White House Conference on Science and Technology
Marilyn Brown, Brook Byers Chaired Professor, Institute of Sustainable Systems

Mary Frank Fox, Gender Equity Champion Award
Valerie Thomas, MIT Climate Co-Lab Judges Choice Award
Kaye Husbands Fealing, Elected Distinguished AAAS Fellow
Michael Kummer, Privacy Fellowship, George Mason University.
Boston, Thomas. 2016 Entrepreneur of the Year, Atlanta Business League.
Vicki Galloway. IAC Gold Star Award.

5e. Other Professional Activities

a. Officer in professional society: 21
b. Natl. & intl. committees: 94
c. Journal editors and editorial board members: 137

5f. Activities Promoting Diversity

Julia Melkers, Undergraduate Research Lab
Mary Frank Fox, Advance Professor
Mary Frank Fox, Co-director, WST
Mary Frank Fox, Gender Equity Champion Award
Kaye Husbands Fealing, Science of Broadening Participation in STEM, Symposium

5g. Research Funding

Funding by Ivan Allen College, 2016

School	Number of Awards	Awards Total	Percent Contributed
ECON	5	$827,991	15.11%
HTS	1	$50,200	0.92%
INTA	4	$728,084	13.29%
LMC	12	$870,285	15.89%
ML	1	$350,000	6.39%
PUBP	28	$1,611,498	29.42%
Other	3	$1,039430	18.98%
Total	**54**	**$5,477,448**	**100%**

6. Staff

6a. Awards

Tony Gallego, Dean's Staff Appreciation Award
Jyldyz Ismailova-Hughes, Dean's Staff Appreciation Award

Appendix: Enrollment Data

Note that charts list data for either the annual year or the calendar year. Charts are specified accordingly.

Credit Hour Data, Tables 1-7

Table 1: Credit Hours 2016 by GT Colleges in Rank Order, Annual Year

College	Lower	Upper	UG	Grad	Total	% Total
Engineering	41,521	103,723	145,244	131,819	277,063	39%
Sciences	93,249	20,570	113,819	36,192	150,011	21%
Computing	30,288	20,427	50,715	55,639	106,354	15%
Liberal Arts	**45,463**	**27,988**	**73,451**	**7,354**	**80,805**	**12%**
Business	7,905	24,191	32,096	21,373	53,373	8%
Design	8,218	8,698	16,916	12,820	29,736	4%
Registrar	3,119	536	3,655	856	4,511	<1%
GT Total	229,763	206,133	435,896	266,053	701,853	100%

Table 2: Credit Hours by Colleges, Five Year Trend, Annual Year

School	2012	2013	2014	2015	2016	% Δ12-16
Engineering	260,048	268,321	274,038	279,573	277,063	6%
Sciences	165,247	167,917	158,963	152,222	150,011	-9%
Liberal Arts	**71,787**	**73,669**	**68,078**	**79,219**	**106,354**	**33%**
Computing	55,437	57,195	62,080	85,658	80,805	31%
Business	52,020	54,255	53,366	52,667	53,373	3%
Design	30,944	28,527	28,580	28,718	29,736	-4%
Registrar	3,088	3,442	3,852	4,084	4,511	32%
GT Total	638,571	653,326	648,957	682,141	701,853	9%

Table 3: Credit Hours by IAC Schools 2016, Annual Year

School	Lower	Upper	UG	Grad	Total
ECON	6,460	3,673	10,133	1,160	11,293
HSOC	7,506	3,144	10,650	771	11,421
INTA	4,440	3,858	8,298	1,323	9,621
LMC	13,988	8,105	22,093	1,694	23,787
ML	10,889	4,442	15,331	0	9,352
PUBP	2,180	4,766	6,946	2,406	9,352
IAC Total	**45,463**	**27,988**	**73,451**	**7,354**	**80,805**

Table 4: Credit Hours by IAC Schools, Five Year Trend, Annual Year

School	2012	2013	2014	2015	2016	%Δ
ECON	10,428	10,133	10,119	12,268	11,293	-2%
HSOC	10,147	11,387	11,303	11,077	11,421	-3%
INTA	10,241	10,113	9,205	9,298	9,621	-16%
LMC*	25,564	25,807	23,453	22,308	23,787	-10%
ML	17,272	17,248	15,689	15,130	9,352	-9%
PUBP	11,123	11,360	9,984	9,138	9,352	-21%
IAC Total	**84,775**	**86,548**	**79,753**	**79,219**	**80,805**	**-5%**

*English courses are counted toward LMC's total credit hours. English courses accounted for roughly 50% of LMC courses offered between 2012-2016.

Table 5: UG Credit Hours by IAC Schools, Five Year Trend, Annual Year

School	2012	2013	2014	2015	2016	%Δ
ECON	9,417	9,155	9,480	11,237	10,133	7%
HSOC	9,421	10,783	10,654	10,462	10,650	12%
INTA	8,797	8,789	7,848	7,970	8,298	-6%
LMC	23,805	24,145	21,942	20,819	22,093	-7%
ML	17,272	17,248	15,689	15,130	15,331	-11%
PUBP	8,165	7,943	6,897	6,690	6,946	-15%
IAC Total	**76,877**	**78,063**	**72,510**	**72,578**	**73,451**	**-4%**

Table 6: Grad Credit Hours by IAC Schools, Five-Year Trend, Annual Year

School	2012	2013	2014	2015	2016	%Δ
ECON	1,011	978	639	1,031	1,160	13%
HSOC	726	604	649	615	771	8%
INTA	1,444	1,324	1,357	1,328	1,323	-8%
LMC	1759	1662	1508	1,489	1,694	-4%
ML	0	0	0	0	0	NA
PUBP	2,958	3,417	3,087	2,448	2,406	-19%
IAC Total	**7,898**	**7,985**	**7,240**	**6,911**	**7,354**	**-7%**

Table 7: Credit Hours by GT Colleges per FT Faculty, 2016, Annual Year*****

College	UG Hours	Total Hours	Faculty	UG Hours/Faculty	Total Hours/Faculty
Engineering	145,244	277,063	404	**359.51**	**685.80**
Sciences	113,819	150,011	212	**536.88**	**707.60**
Liberal Arts	73,451	80,805	133	**552.26**	**607.56**
Computing	50,715	106,354	71	**714.30**	**1497.94**
Business	32,096	53,496	73	**439.67**	**732.82**
Design	16,916	29,736	55	**307.56**	**540.65**
Total	**430,241**	**697,438**	**948**	**453.84**	**735.69**

***Faculty include professors, associate professors, and assistant professors. Lecturers and instructors were left out of the faculty figure, meaning Britain Fellows were not included. Ivan Allen College employed 92 lecturers, instructors, and professors of the practice in 2016.

Major and Minor Data, Tables 8-11

Table 8: Full Time UG Majors, by GT Colleges, Five Year Trend, Fall 2016

College	2012 Undergrad	2016 Undergrad	% Δ2011 to 2016
Computing	1,119	2,146	**48%**
Design	349	412	**15%**
Engineering	9,069	9,306	**3%**
Ivan Allen	757	583	**-33%**
Scheller	1,326	1,222	**-8%**
Sciences	1,271	1,159	**-9%**
Registrar	573	724	**28%**
GT Total	**14,464**	**15,552**	**7%**

Table 9: Full Time Grad Majors, by GT Colleges, Five Year Trend, Fall 2016

College	2012 Grad	2016 Grad	% Δ2012 to 2016

Computing	711	4,791	**85%**
Design	463	487	**5%**
Engineering	3,940	4,059	**3%**
Ivan Allen	286	243	**-15%**
Scheller	802	857	**6%**
Sciences	828	885	**6%**
Registrar	0	28	**NA**
GT Total	**7,030**	**11,350**	**38%**

Table 10: Undergraduate IAC Majors, by School, Five Year Trend, Annual Year

School	2012	2013	2014	2015	2016	% Δ
ECON	130	113	113	114	120	**-8%**
HTS	69	64	45	45	28	**-59%**
INTA	205	156	135	134	146	**-29%**
LMC	262	206	131	200	186	**-29%**
ML	19	23	26	19	22	**14%**
PUBP	63	48	46	49	63	**2%**
UIAC	9	12	20	22	11	**18%**
IAC Total	**757**	**622**	**562**	**583**	**583**	**-23%**

Table 11: Graduate IAC Majors by School, Five Year Trend, Annual Year

School	2012	2013	2014	2015	2016	% Δ
ECON	42	29	34	43	42	**0%**
HTS	25	25	25	26	25	**0%**
INTA	60	59	46	40	50	**-17%**
LMC	50	58	48	59	62	**-19%**
ML	0	0	0	0	0	**NA**
PUBP	109	84	66	58	64	**-41%**
IAC Total	**286**	**255**	**219**	**226**	**243**	**-15%**

Degree Data, Tables 12-15

Table 12: GT Degrees Awarded by College,2016, Annual Year

College	BS	MS	PhD	Total
Design	76	201	15	**292**

Business	397	336	<10	**743**
Computing	388	326	52	**766**
Engineering	2,141	1,227	346	**3,741**
Liberal Arts	167	59	17	**243**
Sciences	250	147	91	**488**
Total	**3,429**	**2,266**	**531**	**6,273**

Table 13: IAC Degrees Awarded by School, 2016, Annual Year

School	BS	MS	PhD	Totals
ECON	35	16	3	**54**
HTS	15	6	2	**23**
INTA	43	12	1	**56**
LMC	48	16	4	**68**
ML	18	0	0	**18**
PUBP	8	9	7	**24**
IAC Total	**167**	**59**	**17**	**243**

Table 14: IAC Degrees Awarded by School, Five Year Trend, Annual Year

School	2012	2013	2014	2015	2016	% Δ
ECON	60	67	40	51	54	**-10%**
HTS	25	27	27	20	23	**-8%**
INTA	93	76	62	67	56	**-40%**
LMC	104	80	86	57	68	**-35%**
ML	4	7	16	19	16	**400%**
PUBP	36	52	46	30	24	**-33%**
IAC Total	**322**	**309**	**277**	**244**	**243**	**-25%**

Table 15: Degrees Awarded by GT College by Gender, 2016, Annual Year

College	Male	Female	Total	% Female
Design	144	148	292	**51%**
Business	475	268	743	**36%**
Computing	598	168	766	**22%**
Engineering	2,770	944	3,714	**25%**
Liberal Arts	109	134	243	**55%**
Sciences	252	236	488	**48%**
Total	**4,348**	**1,898**	**6,053**	**31%**

Table 16: IAC Minors Awarded, Five Year Trend, Calendar Year

Minor	2012	2013	2014	2015	2016	% Δ2012 to 2016
Chinese	8	6	10	7	5	**-37%**
Economics	41	37	40	26	14	**-66%**
Film and Media Studies	10	2	3	3	1	**-90%**
French	18	14	21	18	6	**-67%**
German	36	10	12	19	5	**-86%**
History	10	5	5	8	5	**-50%**
International Affairs	31	13	16	11	8	**-74%**
Japanese	24	14	18	15	8	**-67%**
Korean	0	0	4	5	6	**NA**
Law, Science and Technology	32	25	17	14	5	**-84%**
Philosophy	0	0	3	0	2	**NA**
Philosophy of Sci and Tech	5	3	1	1	0	**NA**
Political Science	0	0	0	1	0	**NA**
Public Policy	9	3	7	2	1	**-89%**
Russian Studies	1	1	0	5	1	**0%**
Sociology	3	2	0	2	1	**NA**
Spanish	64	49	27	40	15	**-77%**
Sports, Society and Technology	0	0	0	1	1	**NA**
Technical Communication	0	0	1	0	0	**NA**
Women in Sci & Tech Studies	0	1	2	2	0	**NA**
Total	**292**	**185**	**187**	**180**	**180**	**-38%**

Admissions Data, Tables 16-19

Table 17: Admissions Data by School, Fall 2016 Class

Major	Applied	Accepted	% Accepted	Enrolled	% Acc. & Enrolled
ALIS	34	15	44%	3	20%
CM	213	45	21%	22	49%
ECON	229	64	28%	20	31%
EIA	101	31	31%	17	55%
GML	26	9	35%	3	33%
HTS	72	18	25%	3	17%
IAML	90	36	40%	30	83%
INTA	125	40	32%	20	50%
PUBP	73	37	51%	13	35%
LMC	144	41	28%	24	59%
UIAC	121	46	38%	23	50%
Total/Average	**1361**	**393**	**29%**	**178**	**45%**

Table 18: IAC Admissions with GT Comparison, Five Year Trend, Annual Year

Year	IAC Applied	IAC Acc.	IAC %Acc.	GT % Acc.	IAC Enrolled	IAC %Acc. & Enrolled	GT % Acc. & Enrolled
2016	1,361	393	29%	23%	178	45%	N/A
2015	1,078	389	36%	32%	146	38%	35%
2014	930	307	33%	33%	108	35%	32%
2013	780	283	36%	41%	85	30%	37%
2012	674	312	46%	55%	129	41%	38%

Table 19: IAC Number of IP Participants by School, 2015-2016

School	BS
ECON	18
HTS	9
INTA	46
LMC	10
ML	11
PUBP	0
IAC Total	**94**

Table 20: Students Graduating with an Experience Abroad, 2015-2016

College	Undergraduate	Graduate
Computing	38%	2%
Design	51%	19%
Engineering	64%	4%
Ivan Allen	38%	4%
Scheller	33%	70%
Sciences	36%	16%
GT-Wide	54%	14%