Academic Year 2004-2005 was a year of growth for Ivan Allen College on many dimensions. Among the highlights for the past year:

- The six schools in Ivan Allen College hired ten new tenure-track faculty.
- IAC launched three new degree programs, two at the undergraduate level and one doctoral program.
- The College saw a remarkable increase in the number of high school students applying to the College, being admitted, and enrolling, with a very large increase in out-of-state enrollments.
- The research output of the faculty also continued to grow, with hundreds of publications and an increasing number and value of external research grants. Its faculty developed 461 projects/subcontracts, generating $483,400 in administrative cost recoveries, and the College added to its administrative abilities to track and support research projects.
- IAC drew national attention and over 500 participants for its “Living World” Games Symposium, conducted as part of the College’s annual Founder’s Day program.
- New study abroad programs were begun in Italy and China, and IAC assumed responsibility for the Oxford program.
- The College was central to the development of the new Institute-wide International Plan.
- And the College strengthened its administrative capabilities with new staff hires in information technology and budget positions.

This report describes a record of success in education, research, and service, consistent with the mission of Georgia Tech but also continuing to extend the role of the Institute as it develops into a new form of technological university.

Providing premier student-focused education in the liberal arts and professions

After developing and implementing an aggressive recruitment and publicity campaign, Ivan Allen College turned the corner in connecting with one of its primary constituencies: potential students. Freshman applications in 2004-05 increased by 45 percent, and actual enrollments increased from 123 to 187, or 50 percent. Notably, out-of-state enrollments showed an even higher increase (88 percent), indicating that the College’s message (primarily conveyed by its award-winning student website) is being heard. In short, the demand for IAC programs is beginning to match their quality. And that quality continued to improve.

IAC faculty were recognized for their teaching achievements last year. In Public Policy, Gordon Kingsley earned the Eichholz Teaching Award for instructional excellence in the general curriculum, and Roberta Berry earned Georgia Tech’s Class of 1940 Award for teaching excellence. Sylvia Maier (INTA) received the CETL/BP Award for Excellence in Teaching.

IAC students also garnered recognition. Jeremy Farris, majoring in International Affairs (and with a Philosophy, Science, and Technology minor), received a Rhodes scholarship to study at Oxford University. Christopher McGahey, a graduate student in HTS, won the prestigious 2005-06 IEEE Life Member Fellowship in Electrical History.
award is sponsored by the Institute of Electrical and Electronics Engineers, Tim Stoneman (HTS) received a 
Dissertation Improvement Grant (2004-05) from the National Science Foundation for his project on “Globalizing the 
students (Ben Messer and Kunal Patel) received first prizes in undergraduate research from the Southeastern 
Undergraduate Sociology Symposium. The Georgia Tech Mock Trial team, coached by attorney Kate Wasch of GT 
Legal Affairs, placed second in the nation in intercollegiate competition.

Several new degree programs, minors, and tracks were initiated in the past year. The B.S. in Computational Media 
(CM), inaugurated in Fall of 2004 with the College of Computing, grew to 100 majors by summer 2005. Five Ph.D. 
students entered LCC’s new Ph.D in Digital Media in fall 2004 and served as instructors in the B.S. in Computational 
Media. Within the STAC program, a new track in BioMedicine was approved and implemented. Approval for the joint 
Bachelor of Science in Economics and International Affairs was received in Spring 2005 and recruiting efforts are 
underway.

The international focus of the College continued with new programs, as well. Prof. Cottille-Foley redesigned the 
structure and 9-credit content of the French LBAT program and moved it from Lyon to Toulouse. As part of Georgia 
Tech’s new program to Shanghai, Prof. Li developed courses in first and second semester Chinese language, plus a 
special topics course taught in English on “Misunderstanding each other: Sino-American Interactions Verbal and Non- 
Verbal.” Stuart Goldberg implemented and designed a new interdisciplinary Russian Studies minor and certificate 
programs were approved. Seven Georgia Tech students received DAAD scholarships for internships in Germany, and 
ML’s fourth international internship event, with sponsorship from Michelin, Siemens and others, was attended by over 
500 people. LCC launched a new summer program in Film Studies through the University of Udine, Italy, that included 
3 faculty and 20 students. LCC initiated a year-around exchange program with the Program in Humanistic Computing 
at a new University College in Karlksrona, Sweden. Four Swedish students came to Georgia Tech, and four Georgia 
Tech students enrolled in courses in Sweden. The Nunn School is a major participant in Tech’s International Plan—a 
degree designator component of the Quality Enhancement Program required for SACS accreditation. This plan will 
contribute to the further integration of the IAC within Georgia Tech and can potentially serve to increase resources 
during the next capital campaign.

The School of Public Policy became the only American institution that is a partner in an EU funded group whose 
members include the leading European scholars in S&T policy. Through the European Inter-University Association on 
Society, Science and Technology, in conjunction with the PRIME (Policies for Research and Innovation in Moving 
towards the European Research Area) Network of Excellence, the School developed student exchange agreements with 
European universities and will be able to award a certification with its degree originating in the PRIME program for 
those students who participate in these exchanges. Also in Europe, LCC established a Summer Film Program through 
the University of Udine, Italy, under the guidance of Angela Dalle Vacche, Jay Telotte, Bob Wood, and Shannon 
Dobranski.

New faculty bring new courses to Ivan Allen College, and current faculty continue to develop new courses or improve 
existing courses in response to their research interests and student needs. Only a few can be mentioned here. Some 
new courses include Technical and Business Translation in Japanese (ML), 20th Century Russian Literature and Film 
in translation (ML) ; Latin American Art: Vision and Voice (ML), Democracies at Risk: The Andean Region (team-
taught by ML and INTA), as well as two new Language-Across-the-Curriculum courses in Japanese Society and 
Politics and French-American Relations (ML and INTA), and Technology and War Gaming (INTA).

The momentum building behind the Ethics Initiative is worthy of special note. Bob Kirkman (PUBP) has led this effort 
to improve ethics instruction across the curriculum and to place it on a sustainable footing. His cross-campus working
group drafted a plan with Prof. Julie Swann of ISYE, which was rewarded with a focused research proposal grant to take the activity forward. And under the general rubric of the “Law, Science, and Technology” minor, the Pre-law program’s hiring of Bob Pikowsky as full time director of the pre-law program enhanced the service provided to undergraduates across campus in this rapidly expanding program.

Ivan Allen College supported the broadening of education that is called for by increasing numbers of employers by awarding more than 100 certificates to undergraduates. Over 200 Georgia Tech students graduated with minors in IAC programs.

Undergraduate research continued to grow as an emphasis of curricular and extra-curricular programs. Many students were awarded PURA research grants, including many non-IAC students who wished to work with IAC faculty on research in the social sciences and humanities. Several INTA undergraduates wrote papers for publication or conferences with faculty, often with the support of PURA awards (e.g., Kirk Bowman with Ashley Jennings, Sylvia Maier with Ashley Wood, Brian Woodall with Christopher Pritchett). Students from the Nunn-MacArthur seminar wrote papers on information security, including two chapters on security in ubiquitous computing and the emerging international infrastructure supporting the protection of cyberspace, for Information Security Policies and Practices, (M.E. Sharpe).

Leading the GT community in fostering human and intellectual diversity

IAC promotes diversity at Georgia Tech in many ways, including its central role in attracting and retaining large numbers of students, particularly female students, who would not otherwise come to the university. It also is central to Georgia Tech’s responsibilities as an institution of higher learning in educating students to consider values – their own, and others’ – and how they affect the development of modern societies, whether in the US or overseas.

In the past year IAC and its Schools began new study-abroad programs in Italy and China and acquired leadership for the Oxford program. It continued its operation of many existing study-abroad programs in Central and South America, Europe, and Asia. And its Schools of International Affairs and Modern Languages are at the core of the Institute’s new International Plan, providing essential education in international institutions and languages for students from the entire campus who seek to enhance their understanding and marketability.

Many IAC courses and research programs relate to the concept of ethics: how it applied in policy making, in professional practice, in the development of science, etc. Faculty from many parts of the campus were involved last year in initiatives housed in IAC, particularly its Philosophy, Science, and Technology program, to adapt ethical theories and instruction to the needs of Tech students. Likewise, the pre-law program encouraged students in areas such as biomedical engineering to consider not only the legal but also the ethical implications of cutting-edge research in genetics and bioengineering. Programs in history, sociology, international affairs, and cultural studies brought students and faculty to questions relating to racial, gender, ethnic, and national perspectives on some of the most important questions of our time, particularly those relating to human rights and social development.

Some of these efforts were manifested in undergraduate and graduate courses. Others were examined through initiatives such as the ADVANCE program. Faculty offered their expertise to the community, as well, such as through Vicki Birchfield’s invited role in the French Consulate’s French Film Festival, or through the symposium on “Shaping Imperial Identities” (HTS and LCC). The Poetry at Tech series continued to engage not only much of the campus, but also visitors from the Atlanta community and beyond: during the past two years some 7,000 persons have attended
Georgia Tech’s poetry events. And the very successful international symposium on “Living Game Worlds,” sponsored by LCC in conjunction with IAC’s Founder’s Day and attended by 500 people, integrated the technical expertise of Georgia Tech with the cognitive and artistic talents of our students and faculty.

Continuing to build enhanced research identity and profile for IAC

IAC faculty have always had a strong research orientation. In the past year, their activity and output continued to grow, whether measured by publications, conference presentations, student involvement in research projects, or funded research. The College was awarded 461 projects or subcontracts, generating $483,400 in administrative cost recoveries. To support continued growth, the Dean’s office undertook initiatives to provide appropriate benchmarking of research productivity, to improve the tracking of research projects, and, with the addition of staff, to aid faculty in developing grant proposals.

At the core of IAC’s research profile are its faculty, and the College has been able to sustain steady growth in faculty positions. New faculty hired in the past year include:

- Laura Elizabeth Bier (Ph.D. expected 2005, New York University), Assistant Professor in HTS, specializing in post-colonial nationalisms, and Modern Middle Eastern and Modern European History.
- Dan Breznitz (Ph.D. MIT), Assistant Professor in INTA, specializing in Information and Communication Technologies.
- Marco Castillo, (Ph.D. agricultural and applied economics from the University of Wisconsin, Madison), Assistant Professor in Public Policy.
- Jennifer Clark (Ph.D., xxx), Assistant Professor in Public Policy, specializing in economic development.
- Stuart Goldberg, (PhD, University of Wisconsin-Madison), Assistant Professor of Russian.
- Michael Hans Georg Hoffman (PhD in philosophy from the University of Munich, Germany), Associate Professor in Public Policy
- Kyoko Masuda, (PhD from the University of Arizona), Assistant Professor of Japanese.
- Alexandra Mazalek (Ph.D. MIT), Assistant Professor in LCC.
- Cecilia Montes-Alcala (PhD from the University of California, Santa Barbara), Assistant Professor of Spanish.
- Bob Pikowsky, (JD, University of Idaho), Academic Professional, director of law, science and technology program in Public Policy
- Andrew Uroskie (Ph.D. University of California-Berkeley), Assistant Professor in LCC.
- Christopher Wieble, (PhD, University of California-Davis), Assistant Professor in Public Policy, specializing in environmental policy.

Faculty awards and professional recognition included national and international awards and appointments. John Endicott was nominated for the Nobel Peace Prize for 2005. He also was named Honorary Consul for the Republic of Mongolia. Barry Bozeman was appointed as Adjunct Honored Professor of Political Science at the University of Copenhagen. At the installation ceremony Bozeman was recognized as "one of the world's leading public administration scholars and the foremost authority on organizational 'publicness' and public values." Emeritus Professor Alan Porter received the International Association for Impact Assessment Rose-Hulman Award for Contributions to Impact Assessment. Dean Sue Rosser received the Outstanding Woman Faculty of Achievement award from GT students.

IAC faculty were also in demand as speakers and intellectual leaders. Dean Sue Rosser was invited to speak 20 times, primarily on the ADVANCE program and on glass ceilings in science for women. Barry Bozeman was invited to
speak 12 times, including a series in China at conferences and at the National Institute of Defense Technology. Diana Hicks was invited to speak 7 times on strengthening Asian R&D systems including at: US House of Representatives, National Academy of Sciences, presidential symposium of the American Chemical Society, United Engineering Foundation, and Council for Foreign Relations. Hicks also helped launch the Task Force on Innovation Report at the National Press Club in Washington DC. In HTS, John Krige served as the Charles A. Lindbergh Professor in Aerospace History, National Air and Space Museum, Washington D.C., (academic year 2004-05), Willie Pearson Jr. co-chaired the Committee on the Evaluation of NIH Minority Training Programs, National Academy of Sciences, and Steven Usselman was elected Vice President/President Elect, Society for the History of Technology.

Two IAC faculty members received Fulbright Scholar awards: Stuart Goldberg (ML) received a Fulbright Award to conduct research in Russia, and Michelle Dion (INTA) was designated as the García-Robles Professor in the Department of Political Studies at the Center for Economic Research and Teaching (CIDETE) in Mexico City for AY 2005. Vivek Ghosal was appointed Research Professor at the German Economic Institute for the period 2004 – 2006.

IAC faculty continued to publish a significant number of books. Appearing between July 2004 and June 2005 were:

- Willie Pearson, Jr., *Beyond Small Numbers: The Voices of African American Ph.D. Chemists*.

In addition IAC faculty published at least 93 refereed journal articles (10 ECON, 5 HTS, 15 LCC, 36 PUBP, 10 INTA, 17 ML), at least 78 book chapters (3 ECON, 6 HTS, 25 LCC, 11 INTA, 17 PUBP, 16 ML), as well as online textbooks and scholarly reviews. They also gave more than 300 conference presentations at professional meetings. Faculty research has been recognized and discussed this past year in *Nature Genetics, Science*, the *Chronicle of Higher Education*, and *Business Week* (PUBP), the *Atlanta Journal Constitution* (ML and INTA), and Radio Free Asia and the *Atlanta Business Chronicle* (INTA).

Much of the College’s success in research output is related to its growing success in attracting external research
funding. Although many of the most significant research areas in the College are not typically supported by grants, the ingenuity of the faculty continues to find and develop a diverse set of funding sources. In 2004-05, IAC brought in xxxxx in new grants, with xxx faculty participating in grant proposals and xxx obtaining new awards.

Many research grants have been obtained from increasingly familiar sources. Faculty in Public Policy received numerous grants from the National Science Foundation, including a prestigious CAREER grant to Monica Gaughan for a multi-year study of women’s academic career patterns. Policy faculty also received grants from the Fraunhofer Institute, the European Union, the Georgia Department of Transportation, and the US Economic Development Administration. In LCC, grants came from the NSF, the National Endowment for the Humanities, and NASA. Modern Languages attracted support from the US Department of Education, the German Academic Service, the Korean Foundation, and the Fulbright program. Research in the School of Economics was supported by the Sloan Foundation, the Ford Foundation, Hunan University, the NET Foundation, and the US Department of Education. In International Affairs, grants were received from the US Agency for International Development, the Department of Defense, the Council on Foreign Relations, and the European Commission.

Providing local, national, and global outreach and service

Many of the College’s educational and research programs entail reach out to the community, the nation, and the world, to share ideas and gain insights into some of the most important and interesting questions in the social sciences and humanities. To that end, some IAC schools have formed formal or informal ties with other international institutions: for example, Economics with Hunan University, Changsha, China and with the Department of Economics and Finance at Shanghai Jiao Tong University, Shanghai, China; Public Policy with a network of European universities through the PRIME program and with universities in Chile and Argentina; and LCC with University College, Blekinge Teknikska Högskola (BTH) in Karlskrona, Sweden. IAC programs also have many ties with other research institutions through their research and educational programs, such as Arizona State University, GSU, ORCAS, the University of Chicago, UC-Berkeley, the Newberry Library, the Technical University of Munich and Monterrey Tech (Mexico), Modern Languages has developed and maintained excellent relations with the French-American Chamber of Commerce, the German-American Chamber of Commerce, the German Consulate, the Goethe Institute, the French Trade Commission, the Georgia Department of Economic Development, with the Japan Export Trade Organization and with other business and organizational entities. Other institutions associated with IAC faculty or programs include the Southern Center for International Studies, the Council on Foreign Relations, the Central Intelligence Agency, Canada’s Immigration and Refugee Board, the UNEP Task Force on ICT Applications of Renewable Energy for Sustainable Development, the Microsoft Community Technology Learning Center, the World Bank infoDev Program, the Institute of European Studies, and the Atlanta Federal Reserve Bank.

Similarly, IAC faculty and schools in the past year began or continued ties with every college at Georgia Tech: Architecture (CATEA), Computing (GTISC, GVU), Engineering (most units, regarding ethics, international internships, and the International Plan), Sciences (NSF-sponsored research on indigenous drugs with Biology), and Management (CIBER and MOT), and through many of these Colleges, the ADVANCE program.

Innovating with reliable, transparent and user-friendly digital technology

Faculty throughout the College continued to find ways to use information technology to enhance their teaching. A significant number of ML faculty continue to apply creative thinking to educational formats in language teaching. Prof.
Kikuchi is a recognized leader, having directed the technological effort for the new online courses in Chinese, Japanese and Russian (Vista, OpenCampus, Horizon Wimba Beta Program, integration of various video and audio components, etc.). Prof. Li (online Chinese), Prof. Cottille-Foley (interactive web design) and Prof. Blackbourn-Jansma (hundreds of integrated video clips for classroom use) are also significantly involved. Susan Cozzens’ use of WebCT in PST 3127 was held up as an exemplar by the OIT office of academic and research technologies for having made excellent use of the tools exemplifying the potential of the learning management system. Bob Kirkman (PUBP) and Julie Swann (ISYE) used online tools to on evaluate models of teaching professional ethics.

In INTA, Michael Best used teleconferencing technologies to augment classroom instruction that included a meeting from the Oxford Internet Institute with goals of including lectures from African universities and other areas. Vicki Birchfield used foreign films in her comparative politics class, integrating themes relating to the influence of technology on processes of globalization, the exploitation of internet technology by global social movements and popular education movements such as ATTAC. She also integrated French news broadcasts and other web-based intercultural programs in cross-listed Language-Across-the-Curriculum courses at the Graduate level. Michael Salomone created a computer model of the 1914 German invasion of Belgium and France for use in the Seminar in Technology and War Gaming with Computer Science.

Developing a supportive and collaborative administrative infrastructure

Last year a reorganization of the Deans' Office brought in new staff in information technology, communications, and budget and finance, and allowed a more productive allocation of responsibilities among the existing staff. Each of the Schools also made administrative changes involving combinations of new hires and changed responsibilities. To support the continuing personal growth of administrative staff, they have been encouraged to enroll in a variety of training classes focusing on writing and communication skills, diversity awareness, financial management, supervision skills, computer software packages, and time management.

Several administrators and staff were recognized for their achievements last year. Elizabeth Miller, academic advisor in the Dean’s office, received the Georgia Tech Outstanding Academic Advisor of the Year award for 2004-2005. Nancy Gimbel, academic advisor in INTA, received the Outstanding Academic Advising Award from the National Academic Advising Association (NACADA), 2004. Both were quite active in the profession, developing student support software and organizing a Best Practices workshop in Spring 2005 that attracted over 50 participants from at least six other colleges and universities.

Providing physical locations for IAC consistent with its mission

The College achieved two important advances last year to begin resolving some of its most chronic space issues. The complete renovation of the Swann Building was completed and Modern Languages was able to move into this splendid “new” facility in Summer 2005. With the relocation of Air Force ROTC to the O’Keefe Building, the ground floor of DM Smith became available to the School of Public Policy, which was able to move many of its dispersed faculty to its primary building. The College was disappointed at the late removal of funds for the renovation of the “Old Civil Engineering” building from the state budget, but continues to look forward to the time that the Dean’s Office and some other units will be able to move from the periphery to the center of campus.