LON S. KAUFMAN *Curriculum vitae*

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Positions Held

Administrative Positions Held at Hunter College

2018-Present	Provost and Vice President for Academic Affairs
2015-2018	Acting Provost and Vice President for Academic Affairs

Administrative Positions Held at the University of Illinois System

2014-2015	Assistant Vice President for Health Affairs

Administrative Positions Held at the University of Illinois at Chicago (UIC)

2011-2014	Vice Chancellor for Academic Affairs and Provost
2008-2011	Vice Provost for Planning and Programs
2003-2008	Vice Provost for Undergraduate Affairs
2003-2008	Dean of the Honors College
1998-2003	Head of the Department of Biological Sciences
1997-1998	Acting Head of the Department of Biological Sciences
1996-1997	Fellow, CIC-Academic Leadership Program
1996-1997	Director of the Laboratory for Molecular Biology
1993-1996	Director of Graduate Studies - Department of Biological Sciences

Academic Positions held at Hunter College

2015-Present	Full Professor of Biological Sciences

Academic Positions held at UIC

1999-2015	Full Professor of Bioengineering (affiliate appointment)
1995-2015	Full Professor of Biological Sciences
1994-1997	Richard G. and Carole J. Cline University Scholar
1990-2015	Honors College Fellow
1990-1995	Associate Professor of Biological Sciences
1985-1989	Assistant Professor of Biological Science

Education

Postdoctoral	1982-1985	Carnegie Institution of Washington, Department of Plant Biology Stanford, California
Graduate	1977-1982	Ph.D.; Cell and Developmental Biology, SUNY at Stony Brook Stony Brook, New York
	Summer 1978	Plant Biology Course, Marine Biological Laboratory
Undergraduate	1974-1977	B.A.; Department of Biology, Queens College CUNY
	1973-1974	Department of Biology, Brooklyn College, CUNY

Selected Campus/Administrative Achievements

While Provost at Hunter College

- Successful completion of 10 yr Middle States Reaccreditation with no follow-up.
- Hunter College has its first Rhodes Scholar.
- Hunter College is the highest grant achieving CUNY campus in AY19
- Hunter College moves to 23 in US News Rankings.
- Hunter College achieves a 56% 6 year graduation rate breaking 55% for the first time.

While Acting Provost at Hunter College

- Hunter College is the highest grant achieving CUNY campus in AY17 & AY18
- Hunter College moves from 47 (2015) to 28 (2017) in US NEWs rankings
- Hunter College receives 6 of the 40 NIH SCORE grants awarded nationally in AY 17
- Hunter College has its first Marshall Scholar (AY17)
- Enhanced orientations for new chairs, full time faculty and adjunct faculty
- Graduate applications increase and enrollment remains steady even with loss of the School of Public Health
- SEEK diversity and retention rates improve
- Reprogramming of the Dolciani Math, Rockowitz Writing and Skirball Science Learning Centers.
- Enhanced Faculty Development Programming

While Provost and Vice Provost at UIC

- Total enrollment at UIC grew from 25,228 to 28,038
- UIC developed a stable budgeting process and strong cash reserves
- The six-year graduation rate increased from 43% to 60%.
- UIC achieved AANAPISI (Asian American, Native American, and Pacific Islander Serving Institution) status
- UIC achieved HSI (Hispanic Serving Institution) status this year
- UIC was ranked 3rd in the US for on-line undergraduate degrees by US NEWS
- UIC is ranked 13th in the world and 3rd in the US among universities under 50 years old by the London Times
- Through the efforts of the Vice Provost for Undergraduate Affairs, UIC assumed the leadership role for Student Success in Chicago via the Chicago Collaborative for Student Success and the Mayor's THRIVE initiative. The work was supported by several foundations
- Led the effort to found UIC College Prep High School, recognized as the best open enrollment high school in the history of Chicago. All students in its first three graduating classes were admitted to a four-year institution. ACT scores set records for an open enrollment school eclipsing several of the magnet schools
- As Vice Provost for Undergraduate Affairs, I started Summer College as two, free, five-week programs to give entering freshman needed remedial coursework. As Provost I expanded the effort to 15 programs representing over 20% of the freshman class
- In collaboration with the College of Liberal Arts and Sciences and the Library we were able to found first the Science and then the Math Learning Centers
- In Collaboration with the Vice Chancellor for Administrative Services and the Vice Provost for Undergraduate Affairs we renovated 140 common use classroom, 8 lecture centers and four college buildings (Business, Dentistry, Nursing, and Pharmacy) and created of 30 Oasis informal

learning areas
- Facilitated the campus efforts in the successful revamping of our General Education program.
- Facilitated the efforts to revamp our remedial math courses. The outcome was a change in pass rate from ~40% to ~70% and greater persistence in future math classes
- In collaboration with the Interim Vice Provost for Planning and Programs we conceived and launched the UIC Social Justice Initiative
- Led UIC's successful Higher Learning Commission 10 year re-accreditation effort in 2007 and in collaboration with the current Vice Provost for Planning and Programs initiated our efforts towards the 2017 re-accreditation
- In collaboration with the Undergraduate Student Government we worked to develop the Undergraduate Research Experience, which allows students to find faculty mentors for research and receive credit for their research in any college with any faculty member
- Through the efforts of the Vice Provost for Faculty Affairs, we developed a three day orientation for new faculty and separately for new administrators

While Honors College Dean at UIC

- Founded the Alumni Association
- Founded the Advancement/Development Office
- Established an Annual Giving program
- Instituted mandatory Freshman Cores: small-section, faculty-led discussion based classes
- Instituted a mandatory Senior Capstone program
- Commissioned the college's first strategic plan
- Re-engaged the alumni from the James Scholar's Program

While Head of Biological Sciences at UIC

- Led the effort to restructure and redesign the Biology Major
- Responsible for the largest major at UIC (over 1800 students)
- Hired 6 women and 5 men as tenure system faculty

Actions and Responsibilities as [Acting] Provost

General Responsibilities as Acting Provost at Hunter College

- Daily oversight for campus academic and related operations
- Hire, mentor, supervise and review the Deans and Vice Provosts
- Quality of academic programs
- Oversight of campus-wide institutes and centers (e.g., El Centro, CISC)
- Promotion, tenure, and professional development of faculty and academic staff
- Interact/collaborate with the Vice Presidents

General Responsibilities as Provost at UIC

- Full campus budget ~ $2.2 billion (this includes the budget for the hospital and clinical activities)
- Daily oversight for campus academic and related operations
- Hire, mentor, supervise and review the Deans and Vice Provosts
- Recruitment, enrollment, retention, and graduation
- Quality of academic programs
- Convene Deans Council, Health Science Council, Undergraduate Policy Council, and Diversity Affairs Council

- Oversight of 16 academic colleges, hospital, outpatient & federally qualified health clinics.
- Oversight of campus-wide institutes and centers (e.g., Cancer Center, Innovation Center)
- Promotion, tenure, and professional development of faculty and academic staff
- Prepare materials for and attend Board of Trustees and Board Committee meetings
- Prepare materials for and attend University-level meetings as required
- Lobbying at state and federal level
- Development, fundraising, and alumni relations
- Media and public relations
- Capital, renovation, and other building programs
- Student recruitment, enrollment, and success
- Campus Information Technology and the Campus Enterprise Software Management System
- Strategic planning
- Financial aid policy
- Interact/collaborate with the Vice Chancellors
- Convene negotiation strategy team for bargaining units representing Tenure and Non-Tenure system faculty during development of the first contract of the new faculty union.

Direct Reports as Acting Provost at Hunter College

Deans (6) (shared role with the President)

Arts and Sciences; Education; Health Professions; Library; Nursing; Social Work

Associate Provosts (5)

Accreditation & Programs; Arts; Faculty Affairs & Research; Sciences; Undergraduate and Graduate Affairs

Directors (7)

Roosevelt House Public Policy Institute; LGBT Policy Center, Hunter NYC Food Policy Center; El Centro; Brookdale Center for Healthy Aging; CUNY Institute for Sustainable Cities; Center for Translational and Basic Research

Other (2)

Research Foundation Hunter Campus; Thomas Hunter Honors Program

Direct Reports as Provost at UIC

Deans (16)

Applied Health Sciences; Architecture, Design and the Arts; Business Administration; Dentistry; Education; Engineering; Graduate; Honors; Liberal Arts and Sciences; Library; Medicine; Nursing; Pharmacy; Public Health; Social Work; Urban Planning and Public Administration

Vice Provosts (6):

Academic and Enrollment Services; Budget and Resource Planning; Diversity; Faculty Affairs; Planning and Programs; Undergraduate Affairs

Directors (7):

Cancer Center; Center for Translational and Clinical Science; Innovation Center; Learning Sciences Research Institute; Institute for Patient Safety Excellence (moved to the College of Medicine in 2014); Institute for Race Research and Public Policy; Social Justice Initiative; Women in Science and Engineering System Transformation; Medical Support Programs (moved to Vice Chancellor for Research in 2014)

Others (2):
Chief Information Officer; Executive Assistant to the Provost

Dean and Associate Provost Appointments while Acting Provost at Hunter College

2016-2017	Appoint Dean of Libraries Appoint Associate Provost for the Arts Appoint Associate Provost for Programs Search for Dean of Social Work in progress
2015-2016	Appoint Associate Provost for Faculty Affairs and Research Appoint Dean School of Education

Dean and Vice Provost Appointments & Reappointments While Provost at UIC

2013-2014	Appoint Dean College of Dentistry Appoint Dean College of Education Appoint Vice Provost for Budget and Resource Planning Reappoint Dean of the Honors College Reappoint Dean the Library Reappoint Dean College of Urban Planning & Public Administration
2012-2013	Appoint Dean College of Architecture, Design and the Arts Appoint Dean Graduate College Appoint Vice Provost for Planning and Programs Appoint Vice Provost for Faculty Affairs Appoint Vice Provost for Diversity & Special Advisor to the Chancellor Reappoint Dean College of Engineering Reappoint Dean School of Public Health
2011-2012	Appoint Dean College of Medicine Appoint Dean College of Liberal Arts and Sciences Appoint Dean College of Business Administration Appoint Dean Graduate College Appoint Chief Information Officer Reappoint Dean of the College of Pharmacy

University Level Leadership Team Participation as (Acting) Provost at Hunter College

Council of Academic Officers

This policy group hosted by the Executive Vice Chancellor for Academic Affairs, consists of the Provosts of the 24 campuses within CUNY and several persons from the office of the Executive Vice Chancellor for Academic Affairs. CUNY operations, budget, and academic policy are discussed.

Faculty Effort Reporting Task Force

This task force, convened and charged by the Executive Vice Chancellor for Academic Affairs was charged with migrating CUNY from the arcane and potentially out of compliance with federal regulation practice of awarding course releases for work on federal grants, to a more common percent effort reporting process.

CUNY Conflict of Interest Committee

This committee reviews potential conflicts of interests involving investigators applying for sponsored research. If a conflict is identified the committee defines the means by whch the conflict will be mitigated and/or monitored.

Virtual Bookstore Venders Task Force

This task force, convened and charged by the Executive Vice Chancellor for Academic Affairs was charged with vetting the proposals from several outside vendors who would provide for a CUNY-wide Virtual Bookstore. The task group screened both preliminary and final proposals from several vendors and advised on the final selection.

Research Foundation Task Force

This task force, convened and charged by the Chancellor and chaired by the Executive Vice Chancellor for Academic Affairs and the Chair of the Board of Directors for the CUNY Research Foundation was charged with providing guidance on the roles and structure of the CUNY Research Foundation. The Task Force examined the documents currently guiding the activities of the CUNY Research Foundation as well as its policies and practices. The Task Force issued a report with several recommendations for how to better align the role of the CUNY Research Foundation with the current research practices and needs of the CUNY campuses.

University Level Leadership Team Participation as Provost at UIC

Academic Affairs Planning Council

This policy group meets monthly and consists of the Vice President for Academic Affairs (chair), Vice President for Administrative Services & Chief Financial Officer, the three Provosts of the University of Illinois system (UIC, UIUC, UIS), several persons from the office of the Vice President of Academic Affairs and the office of the Vice President for Administrative Service & Chief Financial Officer. Campus operations, budget, and academic policy are discussed.

Administrative Review Steering Committee

This ad hoc committee was convened to provide oversight for the Administrative Review process initiated by University of Illinois system President Robert Easter. The committee created seven task forces designed to review all aspects of the Central Administration's functions. The Steering Committee produced a draft summary report of approximately 45 recommendations.

Board of Trustees Committees

The Provost serves as the UIC representative to the following University of Illinois Board of Trustees Committees: Academic and Student Affairs Committee, Governance, Personnel and Ethics Committee, the Audit, Budget, Finance and Facilities Committee. The Provost provides reports as required or requested including regular updates to the Academic and Student Affairs Committee on the progress of the UIC Student Success and UIC Diversity initiatives.

Enrollment Management Council

This policy group consists of the Vice President for Academic Affairs (Chair), the three Provosts (UIC, UIUC, and UIS) and a representative from the University of Illinois Senates Conference (a Conference Committee with representation from the Senates of each of the three campuses). This group meets 6 times annually to discuss matters related to enrollment, retention, and the budget.

President's Clinical Oversight Group

This group meets quarterly to review the finances of the clinical operations including the University of Illinois Hospital, Out-patient Clinics, and our 10 FQHC's (Federally Qualified Health Clinics). The group comprises the President, Vice President for Clinical Affairs, Vice President for Administrative Services & Chief Financial Officer, UIC Chancellor, UIC Provost, Dean of the College of Medicine, CEO of the Hospital, and CFO of the UI Hospital.

Walcott, Wood and Taylor

This Company is a wholly owned subsidiary of the Board of Trustees and is responsible for billing and appropriate funds distribution as related to the UIC Hospital and the 18 clinics composing the Physicians Practice Plan (Medical Service Plan). The Provost serves as the Chancellor's representative to the Board.

APLU - Urban Serving University's Health Care Initiative Steering Committee

The Urban Serving Universities (USU, a section within the Association of Public and Land Grant Universities, APLU) sponsors a series of research programs funded by NIH designed to help improve health care in urban settings. The Steering Committee oversees these and other health care related programs sponsored by the USU. I was invited to serve on this steering committee by the USU leadership.

Councils Chaired or Co-Chaired as Acting Provost Hunter College

Deans Council

A meeting of the deans serving as a means to convey large amounts of information with detail in a short period of time and a vessel for open dialogue on specific topics of concern.

Provost's Management Team

Weekly meeting of the Associate Provosts (Accreditation and Programs, Arts, Faculty Affairs and Research, Sciences, Undergraduate and Graduate Affairs). This essentially serves as a weekly meeting of the senior staff in the Provost's office. All aspects of the campus come under discussion.

Councils Chaired or Co-Chaired as Provost at UIC

Diversity Affairs Council

A monthly meeting, co-Chaired by the Provost and the Vice Provost for Diversity, of the directors/representatives of the Centers for Cultural Understanding and Social Change, Academic Departments and Units, Student Support Units, Chancellor's Status Committees, and other diversity related units. Discussion is focused on diversity policy, procedures, events, and strategy.

Deans Council

A rationalized two-hour monthly meeting of the deans, vice provosts, and invited guests. It serves as a full staff meeting for the Provost, a means to convey large amounts of information with detail in a short period of time and a vessel for open dialogue on specific topics of concern.

Health Science Deans Council

Two-hour monthly meetings co-chaired by the Provost and the Vice President of Health Affairs, the Deans of the seven health colleges (Applied Health Sciences, Dentistry, Medicine, Nursing, Pharmacy, Public Health, Social Work) the Library, and Graduate College, the Vice Chancellor for Research, the CEO of the Hospital and Clinical Operations, Vice Provost for Planning and Programs, and Vice Provost for Budget and Resource Planning. The group functions as the larger oversight committee for the Cancer Center and the Center for Clinical and Translational Science. Issues affecting health care education, delivery, compliance, community relations, integration, and service are discussed.

Provost's Management Team

Weekly meeting of the Vice Provosts (Academic and Enrollment Services, Budget and Resource Planning, Diversity, Faculty Affairs, Undergraduate Affairs, Planning and Programs), the Dean of the Graduate College, the Chief Information officer, Director of Human resources, and the Executive Associate Provost. This essentially serves as a weekly staff meeting for the Provost's office. All aspects of the campus come under discussion.

Undergraduate Policy Council

During my tenure as Vice Provost for Planning and Programs I envisioned and crafted a proposal for an Undergraduate Policy Council to be co-chaired by the Provost and the Vice Chancellor for Student Affairs. Said council would meet monthly for two hours and would be composed of the deans of the colleges that issue undergraduate degrees (Applied Health Sciences, Architecture, Design and the Arts, Business Administration, Education, Engineering, Liberal Arts and Sciences, Nursing, Public Health, Urban Planning and Public Affairs), the Library and the Honors College, the Dean of Students, the Vice Provost for Undergraduate Affairs and the Vice Provost for Academic and Enrollment Services. I enacted the Council in 2011 when I became Provost. The Council develops, approves, and enacts policy effecting undergraduate student recruitment, retention, graduation and success, and has oversight responsibility for the Student Success Plan.

Participation in Hunter College Councils as (Acting) Provost at Hunter College

Annual Leadership Retreat

An annual facilitated 1.5 day retreat of the Vice Presidents, Deans and selected other campus leaders. The retreat focused on strategic planning and campus coordination.

President's Senior Staff Meeting

A weekly meeting chaired by the President of the President's Senior Staff to discuss develop and coordinate cross campus activities and policies.

Campus Faculty, Personnel and Budget Committee

Chaired by the President and consisting of the Provost, Deans, and the 33 chairs or chair equivalents from the schools, this group meets biweekly to review and recommend on (re) hiring tenure and promotion for all faculty and other academic personnel in their pre-tenure years, tenure year, and promotion years. The group also advises academic leave and other academic matters, and advises on campus-wide policy and coordination.

Hunter College Senate

As Acting Provost I serve as a voting member of the Hunter College Senate as well as representing the Provost's office with voice but without vote on several of the Senate Committees.

Participation in UIC Councils as Provost at UIC

The Chancellor Vice Chancellor (CVC) Group

Chaired by the Chancellor, this information and policy group met biweekly alternating between a small group (8 persons) and a large group (16 persons) bringing the core Vice Chancellors ("small" CVC) and others with comparable levels and Chancellor ("large" CVC) together. Campus direction and policy is discussed. The group had an annual retreat to set goals and metrics for the year.

Full UIC Senate

As Provost, I addressed the Senate at each of their meetings providing updates as to campus budget, finances, union and planning activities.

Senate Executive Committee

As Provost, I met monthly with the Senate Executive Committee to address their specific questions and to discuss policy or procedure changes that will help enhance academic quality and excellence.

Program & Planning Activities as Acting Provost at Hunter College

Learning Centers

With development and completion of the Silverstein Student Success Center in the Cooperman Library came the need to redirect the mission and programming for the Dolciani Math Learning Center and the Rockowitz Writing Center, and the development of programming for the new Skirball Science Learning Center. All three have thus far exceeded our expectations.

Seek

With the hiring of new leadership and the implementation of a new programming the SEEK student population has increased in both diversity and in success rate.

Graduate Enrollment

Despite of having lost approximately 300 students enrolled in the MPH program to a CUNY restructuring, Hunter College maintained its system leading levels of graduate enrollment. A vigorous campaign to build a web and social media presence for our graduate programs played an integral role in reversing a 10 year decline in applications and allowed us to increase graduate enrollments.

Arts Council

Because of Hunter College's strength in the arts, including our new Dance Department and the full suite of arts departments, our four Art Galleries, our various performance venues, and strong relationships with the Arts in NYC Hunter has developed an integrative Arts Council. This grouping of Department Chairs and other members of campus including a newly defined Associate Provost for the arts has been charged with coordinating and integrating our arts based activities.

Program & Planning Activities as Provost at UIC

In the case of the Campus Master Plan and the Diversity Strategic Thinking and Planning I served as co-chair of the committees while Vice Provost for Planning and Programs and completed the planning exercises as Provost.

UIC Planning Council

The Council, made up of the Chancellor, Vice Chancellors, Deans, selected Vice Provosts (including myself) and Senate Leadership was initially convened by Provost Tanner in the construction of the 2006 Strategic plan. I subsequently convened the council on multiple occasions on behalf of Chancellor Allen-Meares, as a means of updating and resetting the goals expressed in the 2006 Strategic plan.

Campus Master Plan: *A Framework for UIC*

A classic master planning exercise, it defines the location and placement of future buildings throughout campus. In keeping with UIC's urban mission, the plans extends to include immediate projects that restore the city grid to campus, removes barriers to our bordering neighborhoods and adds green space to our city scape. The UIC campus was in its third year of implementation when I moved to Hunter College.

Campus Sustainability Plan: *Going Beyond Green: Excellence through Sustainability*

UIC needs to view itself as a campus, every aspect, through the philosophy of sustainability. How

can we start to prepare now in order to maintain the campus fiscally, socially, structurally, environmentally, and academically, for the next 50 years. This committee was in the process of writing the final document when I moved to Hunter College.

Diversity Strategic Thinking: *UIC Through the Lens of Diversity*

A two year-long program that engaged the entire campus in dialogue regarding the roles and responsibilities UIC has with respect to diversity. This exercise gave rise to The Diversity Strategic Thinking Document, *UIC :Through the Lens of Diversity*.

Diversity Strategic Planning: *UIC A Mosaic for the Future*

UIC: A Mosaic for the Future, is based on the values, principles and needs identified in the Diversity Thinking Document. This project initiated while I was in the VPPP role; I served as co-chair of the Diversity Strategic Thinking and Planning Committee. The final drafts were completed after I became Provost at UIC. The campus was in its second year of implementation when I moved to Hunter College.

Enrollment Management Plan for in-state, out-of-state and out-of-country enrollments and the conversion to the Common Application

A three year plan designed to increase overall enrollments by up to 10% through increases in international and domestic non-resident populations, both by recruiting and by retaining students. The three years prior to my moving to Hunter College represented record overall enrollments on campus. We had updated the plan through the use of a more sophisticated model, one that integrates the capacity of each academic program to expand as well as the career demand for graduates of each program.

Global Strategic Plan: *Achieving Global Excellence*

My charge to the planning committee was to first understand how our current and future activities can and should relate to and inform our mission as an engaged urban research university in a major global city. Specifically how we can we make Chicago better based on what we learn globally and how can we make the world better based on what we learn in Chicago?

Healthcare Workforce Development: *Building a Health Care Workforce to Achieve Health Equity*

With the Affordable Care Act (ACA) came a clear change in the health care workforce. UIC with a full suite of seven health care colleges was in an excellent position to provide for this new workforce. What would the needs be in Chicago, Illinois and the nation and how could UIC best serve and prepare to serve these needs in the short, medium and long term. The background or "thinking" part of the plan was completed. It then went to the colleges for inclusion of their individual and collective goals and business models.

Information Technology Campus Master Plan

The campus backbone, equipment and architecture needed to be updated and reconfigured as the campus prepared for the next 20 years. An external consultant was employed along with a campus committee and the CIO to develop the IT Master Plan and the means to pay for implementation of that plan. The planning committee was working on the final draft of the plan when I moved to Hunter College.

Strategic Budget Plan: *Achieving Excellence in Chicago*

The Board of Trustees requested that each of the three campuses produce a three- year strategic budget plan, wherein budgeting on the campus would be tied to existing strategic goals for the campus and a set of goals as defined by Vice President for Academic Affairs. UIC, already engaged in several strategic plans on the one hand and a three year strategic budgeting process on the other

was easily positioned to carry out this planning exercise.

Undergraduate Success Plan: *Access to Excellence and Success*

A full campus effort, led by 8 task forces comprised of over 200 faculty, students, and staff. The composite produced over 120 action plans that were distributed to the appropriate campus unit for implementation and assessment. This plan was in its first year of implementation when I moved to Hunter College.

School of Continuing Studies – a Strategic Plan

The School of Continuing Studies was developed to bring forward on-line degree programs. The School had been uniquely successful and UIC was ranked 3rd in the nation by US NEWS for undergraduate on- line degrees. As Provost I charged the School to develop a strategic plan that allows the School to continue developing on-line programs and describes how they will move forward to develop a suite of face to face programs that serves our mission and increases our presence in the communities of Chicago.

Cluster Hire Initiative

The Program was initiated in collaboration with the Vice Provost for Budget and Resource Planning, the Vice Provost for Diversity and the Office of the Chancellor while I was Vice Provost for Planning and Programs. The program derives from the Diversity Strategic Thinking and Planning Exercises. Seven Interdisciplinary Clusters were awarded, each with five faculty (one senior and 4 junior). The hiring of faculty that increases the human diversity on campus is heavily incentivized.

Building Rejuvenation Program

The Program was initiated during my tenure as Vice Provost for Planning and Programs in collaboration with the Vice Chancellor for Administrative Services and the Vice Provost for Budget and Resource Planning. This program, funded via a recurrent income pool that will approach $40 million per year when complete, had allowed us to rejuvenate several buildings in *toto*, including HVAC (in three cases a conversion to geothermal heating and cooling), classrooms, laboratories and exteriors. We had completed or were in the process of completing several buildings including those housing the colleges of Dentistry and Nursing, The Jim Liautaud School of Business, and the Sandy Port Errant Port Language and Cultural Learning Center when I moved to Hunter College.

Classroom Renovation and Oasis Programs

This Program was initiated during my tenure as Vice Provost for Undergraduate Affairs in collaboration with the Vice Chancellor for Administrative Services, with the inception of the office for Campus Learning Environments. Over a 10 year period the campus had fully modernized and renovated over 140 common use classrooms throughout the campus. We also created 30 Oases. Oases are comfortable seating, imaginatively decorated, quiet lounge areas scattered throughout the classroom buildings, lobbies, and Library. They were designed to be places where students, especially commuter students, can sit comfortably between classes.

Cluster Computing

In collaboration with the Chief Information Officer and the Vice Chancellor for Research, we funded and developed the first cluster computing facility at UIC.

Creating a Bioengineering Department Shared between the Colleges of Medicine and Engineering

While serving as the Vice Provost for Planning and Programs there was discussion of starting an institute or a center of Biomedical Engineering in order to bring faculty form the College of

Medicine in contact with the faculty in Bioengineering. Such an institute would entail additional administrative costs. Furthermore, centers and institutes at UIC cannot host degree programs and they cannot hire or tenure faculty. As an alternative, we developed a means by which the department could be housed in both colleges thereby retaining the capacity to offer degree programs and continue to hire and tenure faculty. This worked extremely well and served as a paradigm for future intercollegiate departments. Because of the innovative structure and the new mission of the unit we were also able to obtain a multimillion dollar naming gift from an alum of the Bioengineering program.

Established the Office of the Vice Provost for Diversity

Per the Diversity Strategic Plan, we established the Office of the Vice Provost for Diversity and Senior Advisor to the Chancellor on Diversity; not to be the unit into which all things diversity were to be placed but rather to facilitate the distribution of diversity action throughout the campus.

Freshman Intergroup Dialogue Seminar

In collaboration with the Vice Provost for Undergraduate Affairs and the Office of the Vice Chancellor for Student Affairs we developed a one credit freshman seminar available to all students and required for those in several colleges. The course was based on the principles of dialoging and provided tools to UIC students for how to navigate a highly diverse campus. The evaluation data indicated this one credit seminar is as effective as the standard three credit course on Intergroup Dialogues developed at University of Michigan.

Implementation of the Common Application and the Initiation of Yield Activities

UIC had moved to the Common Application two years prior to my move to Hunter College with mixed results. In the end UIC had record enrollments and its second largestt freshman class. This included a record Hispanic enrollment and an increase in African American enrollments. We had initiated a set of 29 yield activities to help assure those students filing intents to enroll did in fact enroll.

Implementation of a Three Year Data-Based Strategic Budgeting Process

UIC operated with a modified responsibility centered management budgeting process. I also put in place a process to move each college and Vice Chancellor unit to a three year data-based strategic budgeting process within that RCM system. That process allowed UIC to match the colleges' income streams to their actual costs in a manner enabling them to fund their strategic priorities that yield income while divesting of those activities that neither address their priorities nor yield a return on investment.

Inter-Professional Healthcare Training

During my tenure as Vice Provost for Planning and Programs, in collaboration with the Academic Deans of the seven health science colleges, two inter-professional education days were developed. The initial day designed for pre-clinical students and a subsequent day designed for those students in clinical rotations. The first day was a resounding success with the participation of approximately 1,000 students representing the entire second year class from all seven colleges along with 80 faculty acting as facilitators. The Second class, hosted this spring was equally successful.

PAP Honors Program

In collaboration with Financial Aid and Housing, the Honors College and the Office of the Vice Provost for Undergraduate Affairs, the Office of the Vice Provost for Academic and Enrollment Services and the office of the Vice President for Academic Affairs we developed the President's

Award Program Honors Program. High achieving underrepresented minority students are provided a full four year scholarship including housing. The number of applications was astounding and the yield rates very high. Most importantly is that the first year success characteristics of these students matched that of our best cohorts. It clearly indicates the value associated with a UIC degree as the funding allows us to compete well for student being sought by highly ranked institutions.

Social Justice Initiative

This Program was initiated during my tenure as Vice Provost for Planning and Programs in collaboration with Professor Barbara Ransby who became the interim Vice Provost for Planning and Programs when I assumed the role of Provost. It was designed to foster Social Justice throughout campus and in collaboration with the many communities that UIC serves. The programs are fully engaged and designed to help develop course work pipelines and academic degree programs in social justice akin to those we have for STEM disciplines.

Transfer articulation agreement with City Colleges of Chicago (CCC)

The CCC represents a rich source of transfer students (the combined enrollment of the six colleges is 120,000). In order to assure that transfer students are taking courses that will count towards their UIC degrees on the one hand and that the students and the CCC can receive credit for the Associates Degree on the other, we developed the Guaranteed Articulation Transfer agreement. This agreement allowed CCC to use an agreed upon set of criteria to identify students who will be guaranteed a transfer to UIC. These students were then allowed take upper division courses taken at UIC rather than at CCC. These UIC courses counted towards the student's UIC degree. The credits from these courses could also be used towards the student's Associates Degree from the CCC. The result was a lower cost of education and a faster time to degree. The students obtain their Associates Degree and the CCC receives credit for the graduation.

UIC as the Leader in Chicago Student Success

Through the efforts of the Vice Provost for Undergraduate Affairs, UIC has assumed the leadership for student success activities in Chicago. Initially as the lead campus in the philanthropically support Chicago Collaborative of Student Success (the collaborative is comprised of all 2 and 4 year institution in Chicago as well as Chicago Public Schools), and subsequently as the higher education lead for Mayor Emanuel's THRIVE initiative. UIC had become recognized and valued as the source of leadership for student success in Chicago.

UIC College Prep High School

I led the team that started the school. This engaged, open enrollment (any student who is eligible for Chicago Public School could apply – selection is done by lottery), CPS high school has a four year college-prep, health-science curriculum, delivered in collaboration with the UIC health science colleges. The high school had finished its seventh year and had three graduating classes when I moved to Hunter College. Each class has set a record for ACT scores for Chicago open enrollment schools and the third graduating class' ACT score surpassed two of the 11 selective enrollment magnet schools in Chicago. All of the students in each of the three graduating classes were admitted to a four year institution.

Undergraduate Success Center

Developed as a collaborative effort with the Vice Provost for Undergraduate Affairs, this drop-in center was located in the facility in which we taught Freshman Composition. The center had four

professional advisors and was open from 8 am until 8pm. They operated primarily by referring students to the specific offices in which they coild attain the advice, help or counseling they needed. In its first semester the center made over 1500 referrals and worked directly with 350 students, 120 of whom were to be expelled. Through their direct efforts over 30 freshmen (approximately 1% of the freshman class) were eventually retained.

Annual Leadership Retreats at UIC Led as Provost at UIC

UIC had an annual Leadership Retreat each August for approximately 250-300 participants. The topic was selected by the Provost's office in consultation with the Chancellor and campus leadership. The event was hosted by the Provost's office, including the identification of the Keynote and external panel members**.**

2014 Spectrum of Student Success

Keynote: Nancy Zimpher (Chancellor SUNY System)
Topic: The focus as indicated is on student success, retention and graduation. UIC has a uniquely diverse student population. The undergraduate is drawn primarily from Chicago, has no racial or ethnic majority, is largely First Generation College and over 50% Pell eligible. As we implement our Student Success Plan we seek to inform ourselves about best practices and how to build productive relationships with the Chicago Public Schools and the Community Colleges of Chicago.

2013 Innovation

Keynote: David Audretsch, (Prof. Indiana University)
Topic: Innovating in the Private and Public Sectors
UIC as an engaged research university has the responsibility to innovate in both the private sector, a traditional sense of innovation, as well as in the public sector, examples being innovation in public policy and education. How can UIC best carry forward on both fronts?

2012 What Counts

Keynote: Nancy Cantor (Chancellor Syracuse University)
Topic: UIC is an engaged research university. How can we determine the impact of our various research and discovery missions? For example we understand how to measure of biomedical research, including impact. How then can we do the same for engaged scholarship, or the impact we have on various neighborhoods in Chicago?

2011 Privatization of the Public Research University

Keynote: Jim Duderstadt, (Chancellor Emeritus, University of Michigan)
Topic: As state budgets continue to shrink and more of the campus becomes dependent on tuition, how can we best prepare for the move towards tuition-based public universities?

Selected University Activities Prior to Becoming Provost at UIC

Search Committees

2009-2010	Chair, Associate Vice Provost for Undergraduate Affairs
2007-2008	Chair, Vice Provost for Faculty Affairs

2006-2007	Chair, Associate Vice Provost for Faculty Development
2001-2002	Member, Provost and Vice Chancellor for Academic Affairs

Senate Service

2003-2006	Member, University of Illinois Senates Conference
2001-2003	Chair, UIC Senate Committee on Research
2001-2003	Member, UIC Senate Committee on Academic Freedom and Tenure
1997-2006	Member, UIC Senate

University Councils

2008-2011	Member, UIC Health Science Council
2003-2011	Member, Provost's Management Team
2003-2011	Member, Deans Council
1995-2003	Member, Honors College Council

Committees & Task Forces - Founding Chair or Co-Chair

2010-2012	UIC Strategic Directions Group
2010-2012	Academic Directions Task Force
2008-2012	Diversity Strategic Planning Committee
2008-2012	Diversity Strategic Thinking Committee
2008-2012	Campus Master Planning Advisory Committee
2008-2012	UIC Strategic Plan Annual Progress Report
2007-2008	Freshman Seminar Curriculum Committee
2006-2008	Undergraduate Research Experience
2006-2012	University Data Assessment Group
2006-2009	UIC-College Prep High School Development Committee
2005-2008	Chair, Classroom Services / Renovation Committee
2005-2012	UIC Academic Program Assessment Committee
2004-2008	UIC Summer College
2004-2007	UIC NCA/HLC re-Accreditation Steering Committee
2004-2005	Science Engineering South and Science Engineering Laboratory Buildings Space Utilization/Renovation Committee
2003-2008	UIC General Education Revision / Implementation Committee
2004-2008	UIC Course Availability Committee
1999-2000	UIC Genomics Task Force

Committees & Task Forces - Membership

2010-2011	Provost's Administrative & Restructuring Steering Committee
2009-2011	Business Continuity Plan Steering Committee
2009-2011	Internal Adv. Board for the Center for Clinical -Translational Science
2008-2011	Financial Aid Working Group
2007-Present	Executive Council for UIC College Prep High School
2007-2011	Strategic Facilities Planning Group
2008-2009	Global Campus Accreditation Team
2006-2009	Advisory Board for UIC Hillel
2005-2006	UIC Strategic Planning Council
2005-2006	UIC Mission Statement Committee
2004-2011	UIC Hybrid [Blended] Learning Initiative Steering Committee
2004-2011	Information Technology Purchasing Council Steering Committee

2004-2008	Campus Safety Committee
2003-2011	UIC Enrollment Impact Committee
2000-2005	Steering Committee of the Institute for Math and Science Education
2000-2001	Honors College Review Task Force
2000-2002	Life Sciences Graduate Programs Task Force
1999-2001	UIC Bioinformatics Task Force
1999-2000	UIC Structural Biology Task Force
1999-2000	UIC – K-12 Math and Science Education Task Force
1998-1999	Member College of Liberal Arts and Sciences –Association of American Universities Task Force

Units Reporting to the Vice Provost for Undergraduate Affairs

Urban Health Program
Latino Cultural center
African-American Cultural Center
Asian American Resource and Cultural Center
Gender and Sexuality Center
Women's resource Center
Campus Advocacy Network
Study Abroad Office
Office of Campus Learning Environment
UIC College Prep

Units Reporting to the Vice Provost for Planning and Programs

Urban Health Program
UIC College Prep
Office of International affairs
Office of Programs and Academic Assessment
School of Continuing Studies
Summer Session
Tutorium in Intensive English

Selected Professional / Academic Activities

Professional Society Officer

2002-03; 2008-09	President, Sigma Xi UIC Chapter In 02-03 UIC won 2 of the 3 National Awards made by Sigma Xi The Chapter Program Award & the Certificate of Excellence
2001-2002; 2004-2008	Secretary, Signal Xi UIC Chapter
1997-1998	President, Midwest Plant Physiology Society
1996-1997	President Elect, Midwest Plant Physiology Society

Journal Editorial Board; External Reviewer

1991-1993	Member, Editorial Board of the *Journal of Plant Physiology* Reviewer for all major plant, cell biology and molecular biology journals Including Cell, Science, Nature, PNAS, Plant Cell, Plant Physiology, Planta, Plant Cell and Environment, Plant Journal, JCB, MCB, Development

USDA Panel Manager (responsible for panel, awards, etc)

1999-2000	Manager, USDA Plant Growth and Development Panel

USDA Panel Membership

1998-1999	Member, USDA Plant Growth and Development Panel

National Science Foundation Panel Membership

2008-2009	NSF REESE Panel
2007-2008	NSF I-Cubed Panel (Initiating panel)
2006-2008	NSF IGERT Panel (for both pre- and full-proposal)
2000-2001	NSF Integrative Plant Sciences Panel
1993-1996	NSF Developmental Biology Panel
1992-1995	NSF Cell Biology Panel

Ad-hoc Grant Reviewer

USDA, DOE, NSF, NOAH. GPSCOR (Nebraska), US-Israel Board (BARD), Maryland Agricultural Station.

Invited External Reviewer for Departments of Biology

2009	University of Colorado at Denver
2006	Indiana University Perdue University at Indianapolis (Chair)
2001	University of Missouri at St. Louis (Chair)

Invited External Reviewer for Honors College

2011	University of Iowa

Evaluator/Assessor for the Higher Learning Commission of the North Central Association of Colleges and Schools (HLC/NCA)

Tenth year re-accreditation evaluations and site visits

2010	University of Colorado at Boulder
2009	University of Missouri at Kansas City
2008	University of Missouri at St. Louis
2007	University of Nebraska – Lincoln

Invited Reviewer for QANU (The Netherlands' versions of the HLC/NCA)

Seventh Year re-Accreditation Site Visit

2013	Amsterdam University College (Univ of Amsterdam & VU Univ. Amsterdam)
2009	Roosevelt Academy (Utrecht University)
2007	University College (Utrecht University)

Invited Reviewer for NAVO (The Netherlands' version of the Dept. of Education)

Approval of a New Campus: Curriculum, Faculty, Facilities

2009	Leiden University College the Hague (Leiden University)
2008	Amsterdam Univ College (Univ of Amsterdam & VU Univ Amsterdam)

Consortium for Institutional Cooperation (CIC) Group Membership

2004-2011	NCA Accreditation Network Group
2003-2008	Undergraduate Affairs Group
2003-2008	Honors College / Programs Deans and Directors Chair in 2007

Consulting

Consultant for Illinois General Assembly Legislative Research Unit, April/May 1988
Participant in the Chicago USA/USSR Emerging Leadership Commission, November 1988
Reviewed texts for Wadsworth Publ. and Saunders Publ., 1990-91

Reviewed 3 sections of Becker's "The World of the Cell" for publisher, 1992-93
Reviewed texts for W.H. Freeman & Company Publishers, 1993-5

Teaching

25 years of continuous undergraduate teaching in Biology Dept
27 years of continuous graduate teaching in Biology Dept
I continue to teach seminars through the Honors College

Courses Taught – Biology Undergrad

BIOS 100*	5 cr	Lec-Lab	Introductory Biology for Majors [~350 students]
BIOS 104	5 cr	Lec-Lab	Introductory Biology for Non-Majors [~140 students]
BIOS 222*	3 cr	Lec	Cell Biology Lecture [~100 students]
BIOS 223	1 cr	Lab	Cell Biology Lab [~40 students]
BIOS 240*	3 cr	Lec	Homeostasis - Integrative Physiology [~100 students]
BIOS 399	3 cr	Res	Undergraduate Research

*Required for the Biology Major

Courses Taught – Biology Graduate

BIOS 594	3 cr	Sem	Graduate Seminar
BIOS 524+	5 cr	Lec	Graduate Molecular Biology Core I
BIOS 525+	5 cr	Lec	Graduate Molecular Biology Core II
BIOS 599	var.	Res	Thesis Research

+Required for the PhD in Molecular Biology

Courses Taught – Honors College

HON 101#	1 cr	Lec	Honors Freshman Seminar
HON 102#	3 cr	Lec	Great Books of Science I - Gen Ed Core
HON 103#	3 cr	Lec	Great Books of Science II - Gen Ed Core
HON 201	1 cr	Sem	DNA 360 Discovery of the Double Helix (with Don Chambers) Are We What We Eat? University Administration (with Dean Bottoms)

#Required by the Honors College

Course & Curriculum Development

Curriculum Development as Head of Biological Sciences

Co-chair of the committee that revamped the Biology Major. We moved from an unmanageable menu of courses in five areas to a series of lecture based core courses with a required number of laboratories.

Curriculum Development as Dean of the Honors College

The 22 Honors Credit hour requirement
The Freshman Gen Ed Honors Core requirement
Topics include Asian Diaspora, Diversity, Social Justice, Energy
The requirement for a Senior Capstone Project.
A series of engaged seminars – based on the activities of associations

Curriculum Development as Vice Provost for Undergraduate Affairs

UIC General Education Program – *Setting the Foundation for University Study.*

In 2003 UIC undertook to revamp its entire general education program. I lead the team that was charged with this task. The new program was completed and approved Spring 2005. Entering freshmen were assigned to the new program in Fall 2005, transfer students in Fall 2007.

ASCEND Summer Curriculum.

Five week Math and group based Chemistry programs designed to hone skills and begin team building for a set of under-represented minority and female students intending to become STEM majors. ASCEND is an NSF funded program designed to increase URM and Female STEM student retention. I serve as the PI for this program.

Common Content for Freshman Seminar Courses

Four specific topics were defined for inclusion in all UIC Freshman Seminars. The topics were developed by the Provost's Working Group for Underrepresented Minority Students – a group representing the directors of the 30 various student support units on campus.

The Chicago Civic Leadership Certificate Program

This fully engaged curriculum represents five courses; the two semester Freshman Composition program, two general education courses and a capstone course in rhetoric. Each of the five courses is based on the student's writing and information analysis efforts on behalf of a not-for-profit organization within Chicago. The program was developed with funding from an AmeriCorp grant on which I served as PI. The engaged Freshman Composition courses have been shown to increase writing skills, and the retention of those skills. The work has been published in peer reviewed journals and in a book published by the Stony Brook University Press. The engaged Freshman Composition courses continue to be supported by the McCormick Foundation.

Courses Developed as Head of Biology

BIOS 240; Homeostasis

A 200-level required core course integrating plant and animal physiology

Courses Developed as Dean of the Honors College

HON 102/103; Great Books of Sciences

A two semester general education humanities Honors Core in the Honors College

HON 201; DNA 360

Based on the autobiographies of the three Noble Laureates, Watson, Crick, and Wilkins, and the Brenda Maddox Biography of Roseland Franklin.

HON 201; What We Eat

Based on South Beach Diet and Fast Food Nation

Course Development Supported As Vice Provost for Undergraduate Affairs

A blended version of KH 251 / 252 - Human Anatomy and Physiology.

Math 075 – a seven week blended version of the failed, 15 week MATH 070 course. Summer

Writing Workshop – a five week intensive summer workshop designed to help pre-freshman enter freshman compositions.

Summer Math Workshop – a five week intensive math workshop designed to help pre-freshman to advance their freshman math placement.

Mentoring

Ph.D. Students (date of degree)

Yvgenia Lapik	(2000)	Assoc. Prof. Chicago Community Colleges
Kevin Folta	(1998)	Prof. and Dept Head, University of Florida
John Marsh	(1998)	Research Assist. Prof. The John Innes Centre
Judi Tilghman	(1995)	V.P. Technology Assessment, Quidel Corp
Liwen Wang	(1995)	
Jie Gao	(1994)	

Kathy Marrs	(1991)	Assoc. Prof & Assoc Dean for Acad Affairs, IUPUI
Kenneth Piller	(1991)	Research Asst. Prof. North Carolina State University
Scott Bearson	(1991)	Senior Scientist, USDA
Katherine Warpeha	(1991)	Asst. Prof. University of Illinois at Chicago

M.S. Students (date of degree)

Connie Corcoran	(1992)	
Mark Reichard	(1993)	
Keshab Battacharya	(1994)	Senior Scientist, Pfizer

Post-doctoral Trainees

Judi Tilghman	1996-1997	V.P. Technology Assessment, Quidel Corp
John Marsh	1998-2000	Research Asst. Prof. The John Innes Centre
Kevin Folta	1998-1999	Prof. and Dept Head, University of Florida
Yvgeniya Lapik	2000-2003	Assoc Prof., Chicago Community Colleges
Sanghamitra Saha	2000-2004	Assoc Prof., Chicago Community Colleges

Research Assistant Professor

Katherine Warpeha	2002-2012	Assistant Professor (tenure track), UIC

Visiting Professors (Sabbatical Visits)

Lewis Dov	Southern IL Univ	1995	Retired
John Smarrelli	Loyola University	1994	President Christian Brothers University

Undergraduate Researchers

1 - 3 undergraduate researchers per year

Student Awards / Fellowships

Kenneth Piller, American Cancer Society Postdoctoral Fellowship 1992-95

Kathleen Marrs, National Institutes of Health Postdoctoral Fellowship 1991-94

Katherine Warpeha, Carnegie Institution Postdoctoral Fellowship 1991-93

Kathleen Marrs, First Place, Graduate Student Presentation Competition, Annual Meeting of the Midwest Section of the American Society of Plant Physiology, DeKalb, Illinois, 1987.

Scott Baerson, First Place, Graduate Student Presentation Competition, Annual Meeting of the Midwest Section of the American Society of Plant Physiology, Williams Bay, Wisconsin, 1989.

Kathleen Marrs, Cold Spring Harbor Laboratory Scholarship to attend the Molecular and Developmental Biology of Plants Course, Cold Spring Harbor, NY, 1989.

Kathleen Marrs, American Society for Cell Biology Student Travel Award to the 1989 Annual meeting of the American Society for Cell Biology, San Francisco, CA 1989.

Kathleen Marrs, laboratory for Molecular Biology Graduate Student Fellowship. University of Illinois at Chicago, 1989-90.

Doctoral Students on Whose Prelim and Thesis Committee I Served

Marion Sibley	Gowri Coomaraswamy
Elizabeth Muslin	Beverly Dow
Bradford Schmidt	Jie Yang
Virinjipuram Viswanathan	Huan Ngo
Richard Anthony	Joel Weiner
Marc Fazio	Carol Burk

Rong Lui
Xiaodu Guo
James Marrs
Catherine Barry
Kuldeep Rasdan
Stephen Logan
David Warshawsky
Milutin Erbeznik
Karren Jansen
Myung Sun Kim
Randall French
John Jaraczewski
Gordon Guay
Peter Mathisen
Catherine Williams
Dong Li
Wenying Qin
Phuc Tran
Darning Li

Masters Students on Whose Prelim and Thesis Committee I Served

Pu Chen Wang
Richard Sanchez
Laura Nilles
Francis Hui
Pamela Watson
Maureen Kim

Faculty Advisor for Student Organizations

Vietnamese Student Organization
Project ESTEEM - students going into homeless shelters to teach science
Project SPEAK - designed to create dialog between student organizations representing different cultures.
Project FOCUS – the use of non-verbal means of communication to allow children from different cultures to tell their story. Their first project in Uganda received a great deal of national attention.
The *Journal for Pre-Health Students*
Red Shoes Review – a student-published literary journal
One World - student published social-justice magazine
Undergraduate Student Research Organization

Patents/Pending

Title: PLANT BIOCHEMICAL SYSTEMS AND USES THEREOF
Publication # WO/2010/257636 Date: October 7, 2010
Priority data: U.S. provisional patent application # 12/528780 filed February 26, 2008

Title: PHENYLALANINE FOR PLANT PROTECTION AGAINST UV RADIATION
US Patent awarded July 23, 2013 #8,492,614
Publication # WO/2008/106463 Date: April 29, 2008
International Application # PCT/US2008/0055036
Priority data: U.S. provisional patent application # 60/891698 filed February 26, 2007
Priority data: U.S. provisional patent application # 60/975513 filed September 26, 200

Invited Review Articles in Peer Reviewed Journals

Warpeha, K.M. and Kaufman, L.S. [2007] Opposite ends of the spectrum: Plant and animal G-protein signaling. Plant Signaling and Behavior 2,480-482

Folta, K.M. and Kaufman, L.S. [2006] Isolation of Arabidopsis nuclei and measurement of gene transcription rates using nuclear run-on assays. Nature Protocols 1 3094 - 3100.

Kaufman, L.S. [1994] GTP-binding regulatory proteins in higher plants. J. Photochemistry

Photobiology 22, 3-7.

Kaufman, L.S. [1994] Signal transduction in higher plants. International J. of Plant Physiology 155, 1-3.

Kaufman L.S. [1993] Transduction of blue-light signals. Plant Physiology 102, 333-337.
Thompson, W.F., Kaufman L.S. and Watson, J.C. [1985] Light regulation of nuclear gene expression in plants. Bioessays 3, 153-159.

Publications in Peer Reviewed Journals

Orozco-Nunnelly, D.A., Muhammad, D., Mezzich, R., Lee, B.S., Jayathilaka, L., Kaufman, L.S. and Warpeha, K.M. [2014] Pirin1 (PRN1) Is a Multifunctional Protein that Regulates Quercetin, and Impacts Specific Light and UV Responses in the Seed-to-Seedling Transition of Arabidopsis thaliana. PLoS One 9:e93371.

Yu, X.H., Sayegh, R., Maymon, M., Warpeha, K.M., Klejnot, J., Yang, H.Y., Huang, J., Lee, J., Kaufman, L.S. and Lin, C.T. [2009] Formation of nuclear bodies of Arabidopsis CRY2 in response to blue light is associated with its blue light-dependent degradation. Plant Cell 21, 108-130.

Warpeha, K.M., Gibbons, J., Carol, A., Slusser, J., Tree, R., Durham, W. and Kaufman, L.S. [2008] Adequate phenylalanine mediated by G-protein is critical for protection from UV radiation damage in young etiolated *Arabidopsis thaliana* seedlings. Plant Cell & Environment 31, 1756-1770.

Warpeha, K.M., Upadhyay, S., Yeh, J., Adamiak, J., Hawkins, S.I., Lapik, Y.R., Anderson, M.B. and Kaufman, L.S. [2007] The GCR1, GPA1, PRN1, NF-Y signal chain mediates both blue light and ABA responses in Arabidopsis. Plant Physiology 143, 1590-1600.

Warpeha, K.M., Lateef, S.S., Lapik, Y.R., Anderson, M., Lee, B.-S. and Kaufman, L.S. [2006] G-Protein-coupled receptor 1, G-protein G -subunit 1, and prephenate dehydratase 1 are required for blue light-Induced production of phenylalanine in etiolated Arabidopsis. Plant Physiology 140, 844-855.

Lapik, Y, and Kaufman, L.S. [2003] Pirin, a downstream partner of GPA has a role in germination, ABA sensitivity and time to flowering. Plant Cell 15, 1578-1590.
(The above paper was selected as the editor's choice by the SCIENCE on-Line Signal Transduction site - STKE[Signal Transduction Knowledge Environment])

Folta, K.M. and Kaufman, L.S. [2002] Blue light mediated RNA destabilization requires Phototropin. Plant Molecular Biology 51, 609-618.

Folta, K.M. and Kaufman, L.S. [2000] Isolation of functional nuclei from etiolated Arabidopsis. Plant Cell Reporter 19, 504-510.

Anderson, M.B., Folta, K., Warpeha, K.M., Gibbons, J., Gao, J. and Kaufman, L.S. [1999] Blue light-directed destabilization of the pea *Lhcb*1*4 transcript depends on sequences within the 5' untranslated region. Plant Cell 11, 1579-1589.

Folta, K.M. and Kaufman, L.S. [1999] Regions of the pea *Lhcb*1*4 promoter necessary for blue-

light regulation in transgenic Arabidopsis. Plant Physiology 120, 747-755.

Marsh, J.F. III and Kaufman, L.S. [1999] Cloning and characterization of PGA1 and PGA2: two G protein alpha-subunits from pea that promote growth in the yeast *Saccharomyces cerevisiae.* Plant Journal 19, 237-47.

Tilghman, J.A., Gao, J., Anderson, M.B. and Kaufman, L.S. [1997] Correct blue light regulation of pea *Lhcb* genes in an Arabidopsis background. Plant Molecular Biology 35, 293-302.

White, M.J., Kaufman, L.S., Horwitz, B.A., Briggs, W.R. and Thompson, W.F. [1995] Individual members of the *Cab* gene family differ widely in fluence response. Plant Physiology 107, 161-165.

Gao, J. and Kaufman, L.S. [1994] Blue-light regulation of the *Arabidopsis thaliana Cab*1 gene. Plant Physiology 104, 1251-1257.

Warpeha, K.M., Kaufman, L.S. and Briggs, W.R. [1992] A flavoprotein may mediate the blue light activated binding of guanosine 5'-triphosphate to isolated plasma membranes of *Pisum sativum* L. Photochemistry Photobiology 55, 595-603.

Warpeha, K.M., Hamm, H.E., Rasenick, M.M. and Kaufman, L.S. [1991] A blue-light activated GTP binding protein in the plasma membrane of etiolated peas. Proceedings National Academy Sciences 88, 8925-8929.

Piller, K.J., Baerson, S.R. and Kaufman, L.S. [1990] Characterization and chromosomal location of the short length ribosomal DNA variant in *Pisum sativum* L. cv. Alaska. Nucleic Acids Research 18, 35-3145.

Warpeha, K.M. and Kaufman, L.S. [1990] Two distinct blue-light responses regulate the levels of transcripts of specific nuclear-coded genes in pea. Planta 182, 553-558.

Marrs, K.A. and Kaufman, L.S. [1990] Rapid transcriptional regulation of the *Cab* and pEA207 gene families in peas by blue light in the absence of cytoplasmic protein synthesis. Planta 183, 327-333.

Warpeha, K.M. and Kaufman, L.S. [1990] Two distinct blue-light responses regulate epicotyl elongation in pea. Plant Physiology 92, 495-499.

Warpeha, K.M., Marrs, K.A. and Kaufman, L.S. [1989] Blue-light regulation of specific mRNA levels in *Pisum sativum*. Plant Physiology 91, 1030-1035.

Baerson, S.R. and Kaufman, L.S. [1989] Increased ribosomal RNA gene activity during a specific window of early pea leaf development. Molecular and Cellular Biology 10, 842-845.

Marrs, K.A. and Kaufman, L.S. [1989] Blue-light regulation of transcription for nuclear encoded genes in pea. Proceedings National Academy Sciences USA 86, 4492-4495.

Warpeha, K.M. and Kaufman, L.S. [1989] Blue-light regulation of epicotyl elongation in pea. Plant Physiology 89, 544-548.

Spiller, S.C., Kaufman, L.S., Thompson, W.F. and Briggs, W.R. [1987] Specific mRNA and rRNA levels during iron-initiated greening of chlorotic pea leaves. Plant Physiology 84, 409-414.

Watson, J.C., Kaufman, L.S. and Thompson, W.F. [1986] Developmental regulation of cytosine methylation in the nuclear ribosomal RNA genes in *Pisum sativum*. J. Molecular Biology 193, 15-26.

Kaufman, L.S., Watson, J.C. and Thompson, W.F. [1986] Light regulated changes in DNaseI hypersensitive sites in the rDNA genes of *Pisum sativum*. Proceedings National Academy Sciences USA 84, 1550-1554.

Kaufman, L.S., Roberts, L.L., Briggs, W.R. and Thompson, W.R. [1986] Phytochrome control of specific mRNA levels in developing pea buds: Kinetics of accumulation, reciprocity and escape kinetics of the low fluence response. Plant Physiology 81, 1033-1038.

Kaufman, L.S., Briggs, W.R. and Thompson, W.F. [1985] Phytochrome control of specific mRNA levels in developing pea buds: The presence of both very low and low fluence responses. Plant Physiology 78, 388-393.

Kaufman, L.S., Thompson, W.F. and Briggs, W.R. [1984] Different red light requirements for phytochrome-induced accumulation of *Cab* RNA and *Rbc*S RNA. Science 226, 1447-1449.

Kaufman, L.S. and Lyman, H. [1982] A 600nm receptor in Euglena *gracilis*: Its role in chlorophyll accumulation. Plant Science Letters 26, 293-299.

Delihas. N., Anderson, J., Andresini, W., Kaufman, L.S. and Lyman, H. [1981] The 5S ribosomal RNA of *Euglena gracilis* cytoplasmic ribosome is closely homologous to the 5S of the trypanosomatid protozoa. Nucleic Acids Research 9, 6627-6633.

Invited Book Reviews

Kaufman, L.S. [1986] Chloroplast: Cellular Organelles 1984, by Hoober, J.K. Plenum Press, New York. In: Quarterly Review of Biology 61:105.

Kaufman, L.S. [1984] Effects of Stress on Photosynthesis. Advances in Agricultural Biotechnology, 1983 ed. Marcelle, R., Clijsters, H. and von Pouke. Nijhoff/Junk Publishers, Boston. In: The Quarterly Review of Biology 59:184.

Invited Symposia Publications and Chapters in Books

Orozco-Nunnelly, D.A., Kaufman, L.S. and Warpeha, K.M. [2013] G-Protein Signaling in UV Protection: Methods for Understanding the Signals in Young Etiolated Seedlings. G-Protein Coupled Signaling in Plants. In: Methods and Protocols Series: Methods in Molecular Biology, ed. Running, M.P. 1043;89-101.

Warpeha, K.M. and Kaufman, L.S. [2009] UV-effects on young seedlings of soybean: Effects in early development and long-term effects. In: UV Radiation in Global Change: Measurements, Modeling and Effects on Ecosystems . Springer-Verlag and Tsinghua, University Press. Pp. 488-502.

Kaufman, L.S., Gao, J., Bhattacharya, K., Tilghman, J., Marsh, J., Marrs, K.A. and Warpeha, K.M. [1994] Blue-light regulation of Cab gene expression in the apical buds of peas and the cotyledons of Arabidopsis. In: Frontiers of Photobiology. ed. Shima A, Ichahashi M, Tujiwara Y and Takebe H. Excerpta Medica, Amsterdam. Pp. 37-39.

Kaufman, L.S., Marrs, K.A., Warpeha, K.M., Gao, J., Bhattacharya, K., Tilghman, J. and Marsh, J.F. III [1993] Blue-light regulated gene expression. In: Cellular Communication in Plants. ed. Amisino, R. Plenum, New York. Pp. 21-26.

Warpeha, K.M., Marrs, K.A. and Kaufman, L.S. [1991] The effects of blue-light on plant growth. In: Yearbook of Science and Technology. McGraw-Hill, New York. Pp. 310-311.

Thompson, W.F., Flavell, R.B., Watson, J.C. and Kaufman, L.S. [1988] Chromatin structure and expression of plant ribosomal RNA genes. In: The Architecture of Eukaryotic Genes. ed. Kahl G. VCH Verlagsgesellschaft, Frankfurt. Pp. 386-396.

Thompson, W.F., Kaufman, L.S., Horwitz, B.A., Sagar, A.D., Watson, J.C. and Briggs, W.R. [1988] Patterns of phytochrome-induced gene expression in etiolated pea buds. In: Beltsville Agricultural Research Center Symposium Volume XII. ed. Steffens GL and Rumsey TS Kluwir Academic, Boston. Pp. 269-285.

Briggs, W.R., Mandoli, D.F., Shinkle, J.R., Kaufman, L.S., Watson, J.C. and Thompson, W.F. [1985] Phytochrome regulation of plant development at the whole plant, physiological and molecular levels. In: Sensory Perception and Transduction in Aneural Organisms. ed. Colombetti G and Song P-S Plenum Press, New York. Pp. 265-279.

Kaufman, L.S., Watson, J.C., Thompson, W.F. and Briggs, W.R. [1985] Photoregulation of nuclear encoded transcripts in pea: Blue-light control of specific transcript abundance. In: Molecular Biology of the Photosynthetic Apparatus. ed. Steinbeck K Cold Spring Harbor Press. Pp. 265-279.

Kaufman, L.S. and Lyman, H. [1981] Synergism between red light and yellow-green light with respect to chlorophyll synthesis in Euglena. In: Proceedings of the Fifth International Congress on Photosynthesis. V. Chloroplast Development. ed. Akoyunoglou G. Balaban International Science Service, Philadelphia, USA. Pp. 933-938.

Invited Symposia and Plenary Presentations

Donald J Danforth Plant Sciences Center 11th Annual Fall Symposium: Signal Transduction Systems. Sponsored jointly by the Donald J. Danforth Plant Science Center and the Monsanto Company. "Mitigating stress responses in soybean and Arabidopsis: G protein regulation of phenylalanine synthesis and the quercetin cycle." St Louis, Missouri. Sept 23-25, 2009.

Illinois Soybean Board Annual Meeting, "Can phenylalanine be used to reduce the virulence of SCN [Soybean Cyst Nematode] and improve the survival of soybean (Glycine max)?", Urbana, IL, June 2009.

25th Annual Interdisciplinary plant Science Group Symposium: Photobiology. "The role of G protein mediated signaling and phenylalanine plant stress responses." University of Missouri-Columbia, Columbia, Missouri, May 28 – June 1, 2008.

12th International Congress on Photobiology. “Blue light mediated gene expression.” Vienna, Austria, Sept 1-6, 1996.

Third International conference on UV/Blue light, perception and responses in plants and microorganisms. “Blue light mediated gene expression.” Marburg Germany, August 22-26, 1996.

Keystone Conference on Plant Morphogenesis. “Transduction of blue light signals.” Hilton Head, South Carolina, June, 1995.

Fourth International Symposium on Plant Molecular Biology. “Blue light regulated gene expression.” Amsterdam, the Netherlands, June 19-24, 1993.

Seventh Annual Missouri Plant Biology Symposium. “A blue light regulated G-protein.” Columbia, Missouri, 1993.

Gordon Conference on Plant Molecular Biology. “Blue light mediated signal transduction.” Proctor, New Hampshire, June 1993 (I also served as session chair)

Field Museum / International J. of Plant Biology Annual Meeting. “Blue light regulated gene expression.” Chicago, Illinois, 1993.

First Annual Cytonet Meeting. “Blue light mediated signal transduction.” Breckenridge, Colorado, May 6-8, 1993.

21st Annual Steenbock Symposium: Cellular Communication in plants. “ B lue-light mediated signal transduction. “ Madison, Wisconsin, May 31 – June 2, 1992.

11th International Congress on Photobiology Frontiers of Photobiology. Blue-light regulation of Cab gene expression in the apical buds of peas and the cotyledons of Arabidopsis.” Kyoto, Japan, Sept 7-12 1992.

Gordon Conference on the Effects of Gravity on Living Organisms. “Blue light regulation in peas and Arabidopsis.” Proctor, New Hampshire, June, 1992.

Annual Meeting on the Role of Bio-Rhythms. “The effects of blue light.” Amelia Isle., Florida, March, 1991.

Third International Symposium on Plant Molecular Biology. “Blue light regulation of gene expression.” Tucson, Arizona, October 6-11, 1991.

Third Annual Samuel Roberts Noble Foundation Plant Biology Retreat. “Gene expression during leaf development in pea.” Ardmore, Oklahoma, September 1989.

Fourth Annual Meeting of the Mid-Atlantic Plant Molecular Biology Society. “Photoregulation of nuclear gene expression in Pisum sativum.” Baltimore, Maryland, August, 1987.

First International Symposium on Chromatin Structure of Genes. “Development regulation of DNaseI hypersensitive sites in the rRNA chrmatin of Pisum sativum” Frankfurt, Germany, August, 1986.

First International Symposium on Chromatin Structure of Genes. "Developmental regulation of cytosine methylation in the rRNA genes of Pisum sativum" Frankfurt, Germany, August, 1986.

Intersciencia II - Symposia de Biotechnologia en Las Americas II. Aplicaciones en La Agricultura Tropical. "Photoregulation of nuclear gene expression in Pisum sativum." San Jose, Costa Rica, July 15-17, 1985.

13th Annual Meeting of the American Society of Photobiology. "Phytochrome regulation of twelve different nuclear encoded genes in Pisum sativum." New Orleans, Louisiana, July 23-27, 1985.

Invited Seminars

1997 February. Department of Biology, Northeastern Illinois University, Chicago, Illinois.

1996 December. Department of Biological Sciences, Loyola University, Chicago, Illinois.

1996 March. Department of Biology, Northern Illinois University, De Kalb, Illinois.

1996 January. Biology Department, Indiana University – Purdue University at Indianapolis, Indianapolis, Indiana.

1995 January. Department of Plant Sciences, Scripts Research Institute, La Jolla, California.

1993 January. Department of Plant Biology, University of Missouri, Columbia, Missouri.

1992 November. Department of Physiology, Northwestern University, Medical School, Chicago, Illinois.

1992 September. Plant Research Laboratory, Michigan State University – Department of Energy, East Lansing, Michigan.

1992 October. Argonne National Labs, Argonne, Illinois.

1991 November. Plant Science Department, University of Illinois, Urbana-Champaign, Illinois.

1991 October. Department of Botany and Plant Pathology, Purdue University, West Lafayette, Indiana.

1991 April. Research Triangle Plant Biology Center Symposium – Ciba Geigy, Duke University, North Carolina State University at Raleigh, University of North Carolina at Chapel Hill, Raleigh, North Carolina.

1991 April. Department of Botany, University of Maryland, College Park, Maryland

1991 February. Biology Department, University of Dayton, Dayton, Ohio

1991 February. Botany Department, Ohio State University, Columbus, Ohio.

1990 November. Department of Plant Sciences, University of California, Berkeley, California.

1990 September. Department of Plant Sciences, Carnegie Institution of Washington, Stanford, California.

1990 September. Chicago Agricultural Economics Society, Board of Trade, Chicago, Illinois.

1988 December. Department of Physiology and Biophysics. University of Illinois at Chicago, Chicago, Illinois.

1988 October. Department of Biology, Marquette University, Milwaukee, Wisconsin.

1987 October. Department of Biology, Loyola University, Chicago, Illinois.

1987 April, Department of Biological Sciences, SUNY Stony Brook, Stoney Brook, New York.

1987 March. Department of Biology, Northern Illinois University, DeKalb, Illinois.

1986 October. Department of Botany, University of Wisconsin-Madison, Madison, Wisconsin.

1986 September. Department of Biology, Illinois Institute of Technology, Chicago, Illinois.

Poster & Oral Presentations at National & International Meetings

Baek, J., Muhammad, D., Launiere, C., Fan, X., Orozco-Nunnelly, D., Kaufman, L.S. and Warpeha.K.M., "Development of application methods and transgenics for expression of phenylalanine in crop plants." Annual meeting of the MidWest section of the Annual Meeting of the American Society of Plant Biologists, Chicago, IL, March 23-24, 2013.

Warpeha, K.M., Kaufman, L.S., Gibbons, J. and Sullivan, J.H., "Supplemental supply of phenylalanine to soybean seeds reduces damage by ultraviolet radiation in etiolated seedlings. 97th Annual Meetings of the Ecological Society of America, Portland, Oregon, August 5-10, 2012.

Warpeha, K.M., Sullivan, J., Kaufman, L.S. Gibbons, J., Orozco-Nunnelly, D., Muhammad, D., Wakasa, K. and Yamada. T. "Seedling Vulnerability to Abiotic Stressors: Recovery and Phenylpropanoids." Annual Meeting of the American Society of Horticultural Sciences, Miami, FL, July 31-August 3, 2012.

Orozco-Nunnelly D., Gibbons, J., Kukuruza N., Plachta K., Kaufman L, Warpeha KM. "Abiotic stimuli mediated through GCR1-GPA1-PD1/ADT3 early in development: importance of phenylalanine supply and developmental state." Annual Meeting of the American Society for Plant Biologists, Austin, Texas, July 20-24, 2012.

Warpeha KM., Orozco-Nunnelly D. Mezzich R, Ronan T, Muhammad D, Kaufman L, Williams A. "Pirin1: an important regulator of early light and UV responses through a dual mechanism." Annual Meeting of the American Society for Plant Biologists, Austin, Texas, July 20-24, 2012.

Mezzich, R., Jones, D., Niblak, T., Reuter-Carlson, U., Hartman, G., Kaufman, L.S., Sullivan, J., Baek, J., Hernandez deLuna, M., and Warpeha, K.M., "Early development and resistance to abiotic and biotic stressors is affected by phenylalanine pool in young developing plants." Annual Meeting of the American Society for Plant Biologists, Austin, Texas, July 20-24, 2012.

Warpeha, K.M., Muhammad, D., Niblack, T., Launiere, C., Mezzich, R.,Hartman, G., Reuter-Carlson, U., Jones, D., Sullivan, J., Eddington, D. and Kaufman, L.S. "Administration of Particular Phenylpropanoids and/or Animo Acids Early in Development Improves Antioxidant Production and Can Improve Yield in Some Crop Plants." Annual Meeting of the American Society for Horticultural Sciences, Waikoloa, Hawaii. September 26, 2011.

Nunnelly, D.A., Mexxich, R., Shiang-Lee, B., Jayathilaka, L., Kaufman, L.S. and Warpeha, K.M.,

"Pirin1 interacts with NF-Y in response to light and interacts with GPA1 in inactive conformation (darkness) to regulate quercetin." Annual Meeting of the American Society for Plant Biologists, Minneapolis, MN. National. August 9, 2011.

Warpeha, K.M., Muhammad, D., Niblack, T., Launiere, C., Mezzich, R., Hartman, G.l, Reuter-Carlson, U., Jones, D., Sullivan, J., Eddington, D. and Kaufman, L.S. "Phenylalanine and abiotic stress: predation/parasitism greatly reduced by phenylalanine and phenylpropanoids." Annual Meeting of the American Society for Plant Biologists, Minneapolis, MN. National. August 9, 2011.

Warpeha, K.M., Orozco-Nunnelly, D., Mezzich, R., Lee, B.S., Jayathilaha, L., Kaufman, L.S.. "Pirin1 interacts with NF-Y in response to light, and interacts with GPA1 in inactive conformation (darkness) to regulate quercetin." Annual Meeting of the American Society for Plant Biologists, Minneapolis, MN. National. August 8, 2011.

Nunnnelly**,** D.A., Warpeha, K.M., Mezzich, R., Lee, B.-S., Jayalikatha, L. and Kaufman, L.S. "G-protein-regulated Pirin: nuclear factor and quercetinase". Joint Annual Meeting of the American Society of Plant Biologists & the Canadian Society of Plant Physiologists - La Société Canadienne de Physiologie Végétale, Montreal, Quebec, Canada, July 31- August 4, 2010.

Warpeha, K.M., Kukuruza, N.O., Plachta, K., Patel D., Nunnelly, D.A., Botella, J.R. and Kaufman, L.S., "G-proteins: critical signaling components of abiotic stimuli in young seedlings." Joint Annual Meeting of the American Society of Plant Biologists & the Canadian Society of Plant Physiologists - La Société Canadienne de Physiologie Végétale, Montreal, Quebec, Canada, July 31- August 4, 2010.

Warpeha, K.M., Plachta, K., Patel, D.N., Kukuruza, O., Botella, J. and Kaufman, L.S., "Various abiotic signals are mediated via a G-protein-mediated cassette: implications for early development in Arabidopsis". Society for Experimental Biology, Annual Main Meeting (International), Glasgow, Scotland UK, June 28- July 1, 2009.

Warpeha, K.M. and Kaufman, L.S., "Phehylalanine synthesis in etiolated plants: a G-protein mediated pathway." Joint Annual Meeting of the American Society of Plant Biology and Sociedad Mexicana de Bioquimica, Merida, Mexico, June 26 – July 1, 2008.

Carol, A., Gibbons, J.T., Kaufman, L.S., Warpeha, K.M., Tree, R. and Slusser, J., "Phenylalanine is critical to protection from UV radiation in Arabidopsis and soybean." Joint Congress of the American Society of Plant Biologists, American Fern Society, American Society of Plant Taxonomists, and Botanical Society of America, Chicago, IL, July 7-11, 2007.

Warpeha, K.M. , Carol, A., Gibbons, J., Tree, R., Slusser, J. and Kaufman, L.S., "Phenylalanine is critical to protection from UV radiation in Arabidopsis and soybean". Joint Congress of the American Society of Plant Biologists, American Fern Society, American Society of Plant Taxonomists, and Botanical Society of America, Chicago, IL, July 7-11, 2007.

Warpeha, K.M. , Upadhyay, S., Yeh, J., Adamiak, J., Hawkins, S.I., Lapik, Y., Anderson, M.B. and Kaufman, L.S., "The GCR1, GPA1, Pirin1, NF-Y signal transduction chain mediates both blue light- and ABA responses in etiolated Arabidopsis." Joint Congress of the American Society of Plant Biologists, American Fern Society, American Society of Plant Taxonomists, and Botanical Society of America, Chicago, IL, July 7-11, 2007.

Madzima, T.F., Saha, S., Warpeha, K.M.F., Kaufman, L.S., Folta, K.M. Characterization of KFR1, a Kelch-Domain, F-Box protein required for light-regulated RNA stability. Penn State Plant Symposium- RNA Biology, University Park PA, May 18-21, 2006.

Warpeha, K.M., Gibbons, J., Carol, A., Lateef, S., Lee, B. and Kaufman, L.S., "Prephenate dehydratase 1 activity is critical for protection from UV radiation damage in etiolated seedlings. The 17th International Conferences on Arabidopsis Research. Madison, Wisconsin, June 28 – July 2, 2006.

Folta, K.M., Madzima, T. And Kaufman, L.S., RFK1, an F-Box Kelch Domain Protein required for Blue-Light Destabilization of *Lhcb* Transcripts." 16th International Conference on Arabidopsis Research, Madison, Wisconsin, June 15-19, 2005.

Warpeha, K.M., Lateef, S., Lee, B.-S., Lapik, Y. and Kaufman, L.S., "GCR1, GPA1 and prephenate dehydratase are required for blue light-induced production of phenylalanine in etiolated Arabidopsis." Joint meeting of the 16th Annual Conference on Arabidopsis and American Genetic Association 2005 Annual Meeting, University of Wisconsin-Madison, Madison, WI, June 15-19, 2005.

Warpeha, K.M. , Hawkins, S., Lapik, Y., Anderson, M., Yeh, J., Upadhyay, S. and Kaufman, L.S., "The GCR1, GPA1, Pirin1, NF-Y-A5/B9 signal chain mediates both blue light and ABA responses in Arabidopsis." Joint meeting of the16th Annual Conference on Arabidopsis and American Genetic Association 2005 Annual Meeting, University of Wisconsin-Madison, Madison, WI, June 15-19, 2005.

Warpeha, K.M., Hawkins, S.I., Lapik, Y. and Kaufman, L.S., "CCAAT/-binding proteins: a signaling component of the BLF-system." The 14th International bi-annual Conference on Arabidopsis Research, University of Wisconsin-Madison, Madison, WI, June 13-18, 2003.

Saha, S., Folta, K.M., Kaufman, L.S. "The role of the 5' untranslated region and polysome association in blue high fluence system mediated RNA destabilization." 14th International Conference on Arabidopsis Research, Madison, Wisconsin, June 21-24, 2003.

Lapik, Y. and Kaufman, L.S. "Pirin 1, a cupin fold protein that interacts with GPA1." Annual Meeting of the American Society of Photobiology, Quebec, Canada, 2002.

Folta, K. and Kaufman, L.S., "Blue light regulation of Lhcb transcript stability during circadian cycles in Arabidopsis." Annual Meeting of the American Society of Plant Biologists, Baltimore, Maryland, July 24 – July 28, 1999.

Wang, L., Piller, K.J., Folta, K. and Kaufman, L.S., "A developmentally regulated DNA-binding factor in pea leaves." Keystone Symposia on Plant Morphogenesis, Hilton Head Island, South Carolina, June, 1995.

Tilghman, J.A., Anderson, M.B., Gao, J. and Kaufman, L.S., "Blue light regulation of gene expression." Fourth International Congress of Plant Molecular Biology, Amsterdam, The Netherlands, June 19-24, 1994.

Marsh, J.F. and Kaufman, L.S., “Molecular characterization of a blue-light activated heterotrimeric G-protein in Pisum sativym.” Fourth International Congress of Plant Molecular Biology, Amsterdam, The Netherlands, June 19-24, 1994.

Gao, J. and Kaufman, L.S., “Blue-light regulated Cab gene expression in etiolated Arabidopsis.” The Annual Meeting of the American Society of Plant Physiologists, Pittsburg, Pennsylvania, August 3-6, 1992.

Tilghman, J. and Kaufman, L.S., “Blue-light activated protein binding to the Cab gene promoter in peas.” The Annual Meeting of the American Society of Plant Physiologists, Pittsburg, Pennsylvania, August 3-6, 1992.

Wang, L., Folta, K., Piller, K. and Corcoran, C., “Protein binding to the pea rDNA promotor.” The Annual Meeting of the American Society of Plant Physiologists, Pittsburg, Pennsylvania, August 3-6, 1992

Wang, L., Corcoran, C, Pillar, K.J., Baerson, S.R. and Kaufman, L.S., “Light and hormone regulation of protein binding to the promoter region of pea ribosomal DNA.” International Pol 1 Transcription, termination and Processing Meeting, North Chicago, Illinois, 1992.

Gao, J. and Kaufman, L.S., “Regulation of pea Cab gene promoters in transgenic Arabidopsis.” The Third International Congress on Plant Molecular Biology, Tucson, Arizona, October 6-11, 1991.

Warpeha, K.M. and Kaufman, L.S., “A flavoprotein may function as the blue light receptor.” The Third International Congress on Plant Molecular Biology, Tucson, Arizona, October 6-11, 1991.

Warpeha, K.M., Hamm, H.E. and Kaufman, L.S., “A blue-light-induced, plasma-membrane associated GTP-binding protein in pea.” Annual Meeting of the American Society for Plant Physiology, Indianapolis, Indiana, July 29 – August 2, 1990. (Supplement to the Journal of Plant Physiology 93:30, 1990)

Piller, K.J., Bearson, S.R. and Kaufman, L.S., “Sequence, secondary structure and protein binding to the short ribosomal DNA length variant in pea.” UCLA Symposium on Molecular and Cellular Biology: Transcriptional Control of Cell Growth, Keystone, Colorado, January 27 – February 3, 1990. (Journal of Cellular Biochemistry 14b:165, 1990)

Baerson, S.R., Piller, K.J. and Kaufman, L.S., “Regulation of rRNA gene expression during leaf development.” Joint Annual Meeting of the American and Canadian Societies for Plant Physiology, Toronto, Canada, July 30 – August 3, 1989. (Supplement to the Journal of Plant Physiology 89:137, 1989)

Warpeha, K.M., Marrs, K.A. and Kaufman, L.S., “Two blue-light responses regulate both molecular and physiological events.” Joint Annual meeting of the American and Canadian Societies for Plant Physiology, Toronto, Canada, July 30 – Aug 3, 1989. (Supplement to the Journal of Plant Physiology 89:189, 1989)

Marrs, K.A., Warpeha, K.M. and Kaufman, L.S., “Blue light regulation of the nuclear gen e expression in Pisum sativum.” Joint Annual meeting of the American and Canadian Societies for Plant Physiology, Toronto, Canada, July 30 – Aug 3, 1989. (Supplement to the Journal of

Plant Physiology 89:189, 1989)

Marrs, K.A., Warpeha, K.M. and Kaufman, L.S., "Transcriptional regulation of nuclear-encoded genes in Pisum sativum by blue light." Joint Meeting of The American Society for Cell Biology and the American Society for Biochemistry and Molecular Biology (Symposium), San Francisco, California, December, 1988. (Journal of Cell Biology 107:330a, 1988)

Warpeha, K.M. and Kaufman, L.S., "Cryptochrome regulation of epicotyl elongation in pea." Annual Meeting of the Society for American Plant Physiology, Reno, Nevada, July 10-14, 1988. (Supplement to the Journal of Plant Physiology, 86:32, 1988)

Marrs, K.A. and Kaufman, L.S., "Cryptochrome regulation of nuclear gene transcription in Pea." Annual Meeting of the American Society for Plant Physiology, Reno, Nevada, July 10-14, 1988. (Supplement to the Journal of Plant Physiology 86:32, 1988)

Piller, K.J., Baerson, S.R. and Kaufman, L.S., Analysis of the short rDNA length variant in Pisum sativum." Annual Meeting of the American Society for Plant Physiology, Reno, Nevada, July 10-14, 1988. (Supplement to the Journal of Plant Physiology 86:18, 1988)

Marrs, K.A. and Kaufman, L.S., "Cryptochrome regulation of nuclear gene expression in Pisum sativum cv Alaska." Annual Meeting of the Society for Cell Biology, St. Louis, Missouri, December, 1987. (Journal of Cell Biology 105:322a, 1987)

Kaufman, L.S., Thompson, W,F., Sagar, A, Horowitz, B. and Briggs, W.R., "Patterns of phytochrome-induced gene expression in etiolated pea buds." USDA Symposium on Plant Development, Beltsville, Maryland, 1986.

Watson, J.C., Kaufman, L.S. Thompson, W.F. and Flavell, R.B., "Light regulated changes in methylation in the rRNA genes of Pisum sativum." International Botanical Society Meetings, Rhode Island, 1986.

Kaufman, L.S. Watson, J.C., Thompson, W.F. and Flavell, R.B. "Light regulated changes in the DNaseI hypersensitive sites in the rRNA genes of Pisum sativum." International Botanical Society Meetings, Rhode Island, 1986.

Watson, J.C., Kaufman, L.S., Thompson, W.F. and Flavell, R.B., "Structure and function of ribosomal gene loci in higher plants. Annual Meeting of the American Botanical Society, Amherst, Massachusetts, 1986.

Watson, J.C., Kaufman, L.S. and Thompson, W.F., "Photoregulationand organizationof nuclear genes in Pisum sativum".First InternationalCongress on Plant Molecular Biology, Savannah,Georgia, October,1985.

Thompson, WF., Flavell, R., Kaufman, L.S. and Watson, J. "Geneticand developmental regulationofDNaseI hypersensitive sitesinthe rDNA chromatinof wheat and peas." First International Congress of Plant Molecular Biology, Savannah,Georgia, October,1985.

Kaufman, L.S , Watson, J.C. Thompson, W.F. and Briggs W.R., "Photoregulation and organization of nuclear genes in Pisum sativum." First International Congress on Plant Molecular Biology. Savannah, Georgia, October, 1985.

Kaufman, L.S., Watson, J.C., Thompson, W.F. and Briggs, W.R., "Pytochrome regulation of twelve different nuclear encoded genes in pea." International Meeting on Photomorphogenesis, Waganeggin, The Netherlands, April, 1985.

Kaufman, L.S. Watson, J.C,, Thompson, W.F. and Briggs, W.R., "Blue light regulation of nuclear gene expression in Pisum sativum." Molecular Biology of the Photosynthetic Apparatus, Cold Spring Harbor, New York, May, 1984.

Watson, J.C., Kaufman, L.S. and Thompson, W.F., "Organization and methylation status of light regulated genes in Pisum sativum. Molecular Biology of the Photosynthetic Apparatus, Cold Spring Harbor, New York, May, 1984.

Kaufman, L.S., Watson, J.C., Thompson, W.F. and Briggs W.R., "Photoregulation of nuclear genes in developing pea buds." Annual Meeting of the American Society of Plant Physiology, Davis, California, August, 1984. (Journal of Plant Physiology 75(supplement):121, 1984)

Watson, J.C., Kaufman, L.S. and Thompson, W.F., "Organization and expression of the light-regulated nuclear genes in pea and mung bean." Annual Meeting of the American Society of Plant Physiology, Davis, California, August, 1984. (Journal of Plant Physiology 75(supplement):121, 1984)

Spiller, S., Kaufman, L.S., Thompson, W.F and Briggs, W.R., "Iron nutrition regulates the accumulation of the cholorophyll a/b binding protein messenger RNA." Annual Meeting of the American Society of Plant Physiology, Davis, California, August, 1984. (Journal of Plant Physiology 75(supplement):121, 1984)

Brownell, E., Kaufman, L.S. and Lyman, H., "Dark repression of plastid development in Euglena gracilis is not accompanied by major changes in plastid DNA methylation." UCLA Symposium, Cellular and Molecular Biology, Keystone, Colorado, 1983. (Journal of Cellular Biochemistry 7(supplement):310, 1983).

Kaufman, L.S., Lyman, H. and Grzeski, R., "Regulation of chloroplast development by a 600 nm receptor." Annual Meeting of the American Society of Cell Biology, Baltimore, Maryland, December 1982. (Journal of Cell Biology 95:275a, 1982)

Kaufman L.S,. and Lyman, H., "a 600 nm receptor in Euglena chloroplast development." Annual Meeting of the American Society of Plant Physiology, Urbana, Illinois, July 1982. (Journal of Plant Physiology 63 (supplement):133, 1982)

Kaufman L.S. and Lyman H., "The 600 nm receptor: Its role in Euglena chloroplast development." Annual Meeting of the American Society of Cell Biology, Anaheim, California, December 1981. (Journal of Cell Biology 92:281a, 1981)

Kaufman, L.S. and Lyman H., "Synergism between yellow and red light for chlorophyll synthesis in Euglena." Annual Meeting of the American Society of Cell Biology, Cincinnati, Ohio, December. 1980. (Journal of Cell Biology 91:189a, 1980).

Kaufman, L.S. and Lyman, H., "The role of yellow light in chlorophyll synthesis." Fifth International Congress on Photosynthesis, Malkidike, Greece, August, 1980.

Kaufman, L.S. and Lyman H. "Chlorophyll-protein complexes in Euglena gracilis." Annual

Meeting of the American Society of Cell Biology, Toronto, Canada, December, 1979. (Journal of Cell Biology 83:357a, 1979)

Higher Education Scholarship

Invited Keynotes, Panels & Lectures

Bi-annual National Reinvention Center Meeting. "Student Success Initiatives." Washington D.C. November, 13-15, 2014.

APLU – CAA (Provosts) Annual Meeting, Panelist, Strategies for Assuring Transfer Articulation in an Urban Setting, July 20, 2014.

AAC&U Annual Meeting, Keynote Speaker. Student Success and Student Diversity at a Public Urban Research University." Chicago Illinois, March 29, 2014.

NSF -STEM Smart Workshop, Opening Remarks, Chicago, Illinois, April 10, 2012.

NSF-STEP PI Annual Meeting, Panelist, Strategies for Promoting Diversity, NSF, Washington, D.C., March, 2011.

NSF-STEP PI Annual Meeting, Panelist, Math Remediation, NSF, Washington, D.C., March, 2010.

University Vice President Network Meeting , "The Sigma Xi National Survey of Undergraduate Research," Reinvention Center, Miami University, Miami, FL, November 16, 2007.

Chicago Teachers as Scholars, "Perception and Responses to Changes in the Environment." The Newberry Library, Chicago, IL, May 29, & 30, 2007.

Short Talks and Posters

Bottoms, B. L., Kaufman, L. S., Moss, T., Williams, S., and Deanna, L. "Launching a campus-wide student success effort at the University of Illinois at Chicago: An overview of process and programs." Invited presentation at the Reinvention Center's Undergraduate Vice Provosts Network Meeting, North Carolina State University, Raleigh, NC, October 2013.

Flemming-Hughes, M., Kaufman, L.S. et al., STEP-ASCEND Program at UIC. Annual NSF-STEP PI Meeting, NSF, Washington, D.C., March 2010.

Flemming-Hughes, M., Kaufman, L.S. et al., STEP-ASCEND Program at UIC. Annual NSF-STEP PI Meeting, NSF, Washington, D.C., March 2009.

Flemming-Hughes, M., Kaufman, L.S. et al., STEP-ASCEND Program at UIC. Annual NSF-STEP PI Meeting, NSF, Washington, D.C., March 2008.

Flemming-Hughes, M., Kaufman, L.S. et al., STEP-ASCEND Program at UIC. Annual NSF-STEP PI Meeting, NSF, Washington, D.C., March 2007.

Diaz, F., Kaufman, L.S. and Majumdar, D., "Recent developments in Transitional Mathematics Learning at UIC: The Math 075 Story" Excellence in Teaching Mathematics and Science: Research and Practice, DePaul University, Chicago, IL, March, 2007.

Book Chapters

Kaufman, L. S. and Weiner, S. [2015] The CAO and the Curriculum: Developing and implementing Effective Programs for a Contemporary Student Population. In:The Provost's Handbook: The Role of the Chief Academic Officer. Ed. Martin, J., Samels J., et al., Johns Hopkins University Press, Phil. Pp. 102-110.

External Funding

Plant Biology Research

Federal Funding

USDA	9/86-8/88	$	90,000	Blue Light Regulation in Peas
USDA	9/88-8/90	$	216,000	Developmental Regulation of rDNA Expression
NSF	8/90-7/93	$	239,000	Blue Light Regulation in Peas
NSF	8/92-7/93	$	5,000	REU Supplement
USDA	9/92-8/95	$	205,000	Characterization of a BL- Activated G- Protein
USDA-NSF	9/92-8/95	$	180,000	Interactions Between the Plant Cell Wall, Plasma Membrane and Cytoskeleton. (Network Grant)
USDA	9/95-8/97	$	100,000	Blue Light Regulation
USDA	9/97-8/99	$	95,000	The Blue Low Fluence System
USDA	9/99-8/01	$	160,000	The Blue Low Fluence System
(This was the #1 grant at panel that year.)				
NSF	9/99-8/02	$	180,000	Blue Light Directed RNA Destabilization
USDA	9/01-8/03	$	200,000	The Blue Low Fluence System
USDA	9/03-8/05	$	150,000	The Blue Low Fluence System
USDA	8/06-7/08	$	80,000	Sub-Contract UV-B Monitoring Program
NSF	6/09-5/13	$	337,000	G-Protein Regulation of Phe Synthesis

Illinois Soybean Association Funding

SCN	1/09-12/11	$	154,500	Can Phenylalanine confer resistance to Soybean Cyst Nematode?
Pests	1/10-12/11	$	116,000	Can Phenylalanine confer resistance to Japanese Beetles?

Higher Education Scholarship

AmeriCorps	1/04-12/08	$ 750,000	Chicago Civic Leadership Certificate Program
NSF	9/05-8/10	$ 1,998,737	STEP – ASCEND
Circle of Service	3/13-2/15	$ 425,000	Using Data to Understand Factors that promote Student Success, to Prioritize Interventions and to Inform Chicago High Schools and Universities (Co-recipient with Vice Provost for Undergraduate Affairs).
NSF	6/15-5/17	$ 1,245,842	I-Cubed - Building an Integrated Identification, Engagement and Assessment Infrastructure for STEM Enrichment Programs