COUNCIL ON ACADEMIC AFFAIRS

200 Bricker Hall
September 7, 2011
1:00 PM – 4:00 PM
MINUTES

ATTENDANCE

Faculty:

✓Dr. Leslie Alexander (History)
Dr. Marilyn J. Blackwell (Germanic Languages and Literatures)
✓Dr. James W. Cogdell (Mathematics)
✓Dr. John Fellingham (Business)
✓Dr. Jay S. Hobgood (Geography)
Dr. Ashok Krishnamurthy (Engineering)
Dr. Barbara Polivka (Nursing)
✓Dr. Robert J. Ward (Music)
✓Dr. John W. Wilkins (Physics)
✓Dr. Kay N. Wolf (Allied Medical Professions)

Students:

✓Mr. Niraj Antani (USG, Political Science)
✓Ms. Sarah K. Douglas (CGS, History)
✓Mr. Sean Fitzpatrick (USG, Political Science and Economics)
Ms. Sarah Lang (CGS, Education and Human Ecology)

Administrators:

✓ Dr. W. Randy Smith, (Academic Affairs), Vice Chair

Guests:

Dr. David Andereck (Natural and Mathematical Sciences)
Dr. Michael Bisesi (College of Public Health)
Dr. Charles Daniels (Microbiology)
Dr. Kirk Denton (East Asian Languages and Literatures)
Dr. Daniel Gray (Theatre)
Dr. Robert Greenbaum (John Glenn School of Public Affairs)
Dr. Kathleen Hallihan (John Glenn School of Public Affairs)
Ms. Anne Krabacher (Honors and Scholars Center)
Dr. Michael Lichtensteiger (Food, Agriculture and Biological Engineering)
Dr. Michael Mangino (Food, Science and Technology)
Dr. Eric Mayer (Theatre)
Mr. Brad Myers (University Registrar)
Dr. Bruce Patton (Physics)
Dr. Jill Pfister (College of Food, Agriculture and Environmental Sciences)
Ms. Theresa Roberts (College of Public Health)
Dr. Sherwin Singer (Chemistry)
Dr. Elliot Slotnick (Graduate School)

Dr. Bernadette Vankeerbergen (Arts and Sciences)

Dr. Valarie Williams (Arts and Sciences)

The Council came to order at 1:00 PM.

APPROVAL OF THE MINUTES OF THE JULY 13, 20, 25 AND 28, 2011 MEETINGS

Cogdell moved approval of the Minutes of the Meetings of July 13, 20, 25 and 28, 2011. They were approved by acclamation.

REPORT FROM THE CO-CHAIRS- PROFESSORS JAY S. HOBGOOD, JAMES W. COGDELL

Hobgood noted that a report from the College of Engineering to abolish the Department of Aviation Department has been reviewed by the College of Engineering Ad-Hoc Review Committee. The report will be presented to this Council early in Autumn Quarter.

REPORT FROM THE VICE CHAIR – PROFESSOR W. RANDY SMITH

- The proposal from the College of Nursing to change the minimum GPA for admission is still under review in the Office of Academic Affairs.

- The Ohio State Medical Center and the Ohio State University Foundation request use of term "Center" for the Women's Oncology (clinical) Center as part of The Ohio State University Comprehensive Cancer Center – Arthur G. James Cancer Hospital and Richard J. Solove Research Institute (OSUCCC-James).

In 2007, Abercrombie & Fitch allocated five million dollars to OSUCCC-James. In recognition of this commitment a naming opportunity for the Women's Oncology Center was presented to Abercrombie & Fitch. At the Board of Trustees Meeting, on September 9, 2011, this naming proposal will be presented. The Center will be housed within the James Care Comprehensive Breast Center. This will be the first in the mid-west, to offer the full continuum of breast cancer care, from prevention and screening, to detection, diagnosis, treatment and survivorship.

The request for naming of the Abercrombie & Fitch Women's Oncology Center was endorsed by Council.

- Council Membership for 2011-2012. All students will maintain their membership for the next academic year. The Council is still in search of a student representing the Inter-professional Council (IPC).

Professors Jim Cogdell, Jay Hobgood and Robert Ward are finishing their terms with the Council at this meeting. Council members expressed their appreciation. Professors Kathryn Corl, Department of Germanic Languages and Literatures, Fernando Unzueta, Chair, Department of Spanish and Portuguese; and Gene Mumy, Department of Economics will serve as the new faculty members effective October, 2011.

SUBCOMMITTEE D – PROFESSORS JIM COGDELL, JAY HOBGOOD, W. RANDY SMITH

- **Knowlton School of Architecture - Honors Programs**

Hobgood presented the proposal. Starting in Summer 2012, and with the transition to the semester schedule, the Knowlton School of Architecture will offer undergraduate honors in the Landscape Architecture and in City and Regional Planning sections of the program. Under the quarter calendar the Architecture section, has already managed its own honors program and will continue to do so under semesters. The Architecture and Landscape Architecture sections are design disciplines that employ a studio-based model of education. Therefore, the students in these disciplines, who wish to pursue Graduation with Research Distinction, can do so by developing a studio-based project, which they must defend before graduation. The students in City and Regional Planning, who wish to Graduate with Research Distinction must develop a research based, honors thesis project. The policies, procedures and deadlines for declaring, maintaining and graduating with honors status, and for Graduation with Research Distinction are uniform across all three sections.

For the overall University, about 13% of students are enrolled in honor programs. From the undergraduate cohort of students enrolled in programs in Knowlton School of Architecture, about 40% of students are honors students.

Hobgood moved approval of this proposal; the motion was seconded by Alexander and carried with all in favors.

- **College of Public Health (PH) - Bachelor of Science in Public Health**

Hobgood presented the proposal. This proposal is for the establishment of a new undergraduate degree: Bachelor of Science in Public Health. The interdisciplinary program will be housed in the College of Public Health; however, the college will collaborate with the College of Arts and Science (ASC) for shared governance of the overall program areas of interdisciplinary specialization. The new degree will have two specializations: Environmental Public Health, and Public Health Sociology. Both specializations require 18 semester credit hours in core courses plus 37 credit hours in interdisciplinary specialization courses, 60 semester hours of general education, and 6 semester hours of electives.

This will be the first undergraduate degree offered by the College of Public Health. Nationally, in well established, long standing schools of PH, there has been a movement to encompass PH content in undergraduate education courses as a baseline and promotion of students into graduate degrees in the field. The movement is supported by the Association of Accredited Public Health Schools and Colleges. Internally at OSU, the degree would be developed with emphasis on pre-professional competencies to prepare graduates for entry-level positions, but more importantly build a strong foundation and pipeline into graduate and professional degree programs. The educational model presented in the proposal is a combined 5 year (3+2 years) bachelor and master degree course of study. Based on the national trend, the undergraduate enrollments in this degree are estimated to soar from 20 in the first year to 45 by

the fourth year. The proposal also includes specific details regarding budgeting and planning; full and part-time faculty, advisors and staff; available and needed as the enrollments will grow.

The admission criteria and the pre-major requirements will be developed soon after the approval process is completed. The College will work closely with Arts and Sciences in developing the admission and recruiting procedures.

Hobgood moved approval of this proposal; the motion was seconded by Antani and carried with all in favor.

Semester Proposal – College of Social Work

- **Bachelor of Science – Social Work (Revised)**

Hobgood presented the revisions to the BS in Social Work semester proposal. In the initial proposal, the requirement for the quantitative skills as a part of the General Education Curriculum (GEC) was: Math level 1-4 or Math 1075 or above. Because Math 1075 will carry 0 (zero) credit hours, the additional Logical Skills course, counting for 3 credit hours, will be required. This revision was made after consultation with the Department of Mathematics.

Hobgood moved approval of this revised proposal; the motion was seconded by Antani and carried with seven in favor, and one abstention.

Semester Proposal – College of Arts and Sciences (A&S)

- **Bachelor of Arts – Middle Childhood Education**

Hobgood presented the proposal. This degree will convert to the semester calendar with minimal changes, from 79 quarter credit hours to 54 semester credit hours. The GEC requirements for ASC are also required for this degree. All four existing specializations will continue to exist and will transfer to the semester calendar based on a course to course transition: Reading and Language Arts; Science; Mathematics; and Social Studies. Some GEC and pre-requisite courses can be double counted toward the total 54 semester credit hours necessary for completion.

Hobgood moved approval of this proposal; the motion was seconded by Wilkins and carried with all in favor.

Semester Proposals – College of Arts and Science: Division of Natural and Mathematical Sciences

- **Master of Science – Chemical Physics**
- **Doctor of Philosophy – Chemical Physics**

Hobgood presented the proposals. Both programs are converted with minimal changes to the semester calendar. The MS degree will require 30 semester credit hours, and the PhD will require an extra 50 semester credit hours for a total of 80. All courses in these programs will be converted to semesters and conversion tables for each individual course is presented in both proposals.

Hobgood moved approval of these proposals; the motion was seconded by Alexander and carried with all in favor.

- **Master of Science – Microbiology**
- **Doctor of Philosophy – Microbiology**

Hobgood presented both proposals. All students are admitted into the Microbiology programs as PhD students. The MS degree will be re-envisioned with significant changes from 61 quarter credit hours to 44 semester credit hours. The re-envisioned graduate programs will include the completion of a four-course core prior to completing the candidacy exam. The core courses are required to be completed by all MS and PhD students. The new course will cover topics related to graduate research and ethics. The PhD program will convert 120 quarter credit hours to 80 semester credit hours.

Hobgood moved approval of these proposals; the motion was seconded by Wolf and carried with all in favor.

Semester Proposals – College of Arts and Sciences: Division of Arts and Humanities

- **Master of Arts – East Asian Languages and Literatures**
- **Doctor of Philosophy – East Asian Languages and Literatures**

Hobgood presented both proposals. The MA degree will be converted with significant changes, from 65 quarter credit hours to 30 semester credit hours. In the past, the total number of required credits for the Department of East Asian Languages and Literatures (DEALL) MA degree was high because the incoming MA students were often not well trained in the languages or in the cultural traditions of China or Japan. This is increasingly no longer the case; therefore a reduced number of credits will be required for the MA degree, while maintaining the same basic core courses. Reducing the number of total credits also brings the MA program in line with the university's recommended program credit hours for the MA degrees. The Admission Committee for the MA degree acknowledged that in recent years, most students enrolling in this degree would have taken more than 3 years of required language courses. In addition to the existing three specializations; Japanese, Chinese, Advanced Chinese Language and Culture; a new specialization will become available under the semester calendar: Dual MA in Chinese Pedagogy.

The PhD degree will be converted with minimal changes from 75 quarter credit hours to 50 semester credit hours.

Hobgood moved approval of these proposals; the motion was seconded by Wolf and carried with all in favor.

- **Doctor of Philosophy – Theatre**

Hobgood presented the proposal. The PhD degree will be converted to the semester calendar with significant changes. Previously, the PhD in Theatre required only the Research Methods course, Theatre 801, and then allowed students to select the six core courses, 2 from each area. Under semesters the Department has specified the four core seminars in addition to its requirement of Theatre 801 (6701 under semesters). The rest of the degree remains essentially

the same. The degree under quarters required 81 credit hours beyond the MA, and under semesters it will require 50 beyond the MA. On average, the Department of Theatre grants about 5 PhD's per year who benefit from successful mentorship and placement programs.

Hobgood moved approval of this proposal; the motion was seconded by Wolf and carried with all in favor.

- **Graduate Minor - Theatre**

Hobgood presented the proposal. This minor is also re-envisioned with significant changes. The same changes made to the PhD degree apply to this minor, which will convert 20 quarter credit hours into 15 semester credit hours. Theatre 6701 – Research Methods will be a required course for this minor.

Hobgood moved approval of this proposal; the motion was seconded by Wolf and carried with all in favor.

- **Master of Fine Arts – English Creative Writing**

Hobgood presented the proposal. This degree is being converted with significant changes, from 70 quarter credit hours to 39 semester credit hours. Until a few years ago, the original degree required 65 quarter credit hours. The faculty in Creative Writing added 5 hours to the MFA program's curriculum experimentally to a total of 70 (one additional creative writing workshop) and concluded that this experiment was not a success. With the conversion to semesters, they have determined to bring it back to original number of credits.

Hobgood moved approval of this proposal; the motion was seconded by Wolf and carried with all in favor.

- **Master of Fine Arts – Visual Art**

Hobgood presented the proposal. This degree will be converted with significant changes, from 90 quarter credit hours to 72 semester credit hours. All existing specializations will convert to the semester calendar: Art and Technology, Sculpture, Photography, Printmaking, Painting and Drawing, Glass, and Ceramics. Changing to the semester calendar, the Department of Art is seeking to transform this degree to a 3-year full-time residency program of study. This change will align the program to similar programs offered in peer institutions, will also align to other MFA degrees offered within the ASC, and will provide extended time for interdisciplinary study and research opportunities. The transition policy allows transitioning students to choose in between graduating the original 2-year program or the new 3-year MFA.

Hobgood moved approval of this proposal; the motion was seconded by Wolf and carried with all in favor.

- **Master of Arts – Comparative Studies**
- **Doctor of Philosophy – Comparative Studies**
- **Graduate Minor in Comparative Cultural Studies**

Hobgood presented the proposals. The MA degree will convert 50 quarter credit hours into 30 semester credit hours, the PhD degree will convert 120 quarter credit hours into 80

semester credit hours, and the graduate minor will convert 20 quarter credit hours into 12 semester credit hours. All programs are being converted with minimal changes. Under quarters the MA degree required 10 courses for a total of 50 hours of coursework plus the thesis; under semesters the degree will require 9 courses for a total of 27 hours of coursework plus 3 hours for thesis work, totaling 30 credit hours. This minimal change is anticipated to aid graduate students in the completion of their theses.

Hobgood moved approval of these proposals; the motion was seconded by Alexander and carried with all in favor.

Semester Proposals – John Glenn School of Public Affairs

- **Master in Public Administration (MPA)**
- **Master of Arts – Public Policy and Management**

Hobgood presented the proposals. Both programs are converted with significant changes. The MA degree will convert 57 quarter credit hours into 38 semester credit hour (32 credits of core courses, 3 credits of elective courses, 3 credits of capstone courses, and optional other skill courses). The MPA degree will convert 83 quarter credit hours into 52 semester credit hours (32 credits of core courses, 5 credits of skilled courses, 12 credits of elective courses, and 3 credits of capstone courses). In the past, the two programs have shared the similar core curriculum in public policy, management, economics and data analysis. The MA degree has fewer requirements because students are mid-career professionals. The MPA students are required to take more elective courses for professional skill development. Under semesters, the content within the core curriculum courses will be mapped to learning goals and measurable objectives. In addition, some of the core content will be moved to elective courses per National Association of Schools of Public Affairs and Administration (NASPAA) accreditation standards. Eight core courses in each degree will count for 4 semester credit hours each, the remaining of the courses will convert to 3 or 1 credit hours.

Hobgood moved approval of these proposals; the motion was seconded by Ward and carried with all in favor.

Semester Proposals – College of Food, Agricultural, and Environmental Sciences

- **Bachelor of Science in Constructions Systems Management (BSC)**
- **Bachelor of Science in Agriculture (BSA) – Construction Systems Management (Termination)**

Hobgood presented both proposals. The BSC with a major in Systems Managements will convert from 185 quarter credit hours to 130 semester credit hours; including 52 credit hours offered by the unit and at least 71 semester credit hours offered outside the unit.

Any students enrolled in the BSA and not graduating before semester conversion will be transferred to the BSC with major in Systems Management.

Hobgood moved approval of these proposals; the motion was seconded by Douglas and carried with all in favor.

- **Bachelor of Science – Culinary Science**

Hobgood presented the proposal. This is a new degree program, requiring 39 semester credit hours; 17 credits of required courses, and at least 9 hours of elective courses. This BS degree requires completion of a minor from an approved culinary program. This is planned to be a 2+2 program (2 years completion of the culinary program, usually at the Central Ohio Technical College (COTC) + 2 years completion of the remaining courses for the BS degree in FAES. In the future, other potential similar paths to degrees could develop, based on professional programs completed at COTC and finalized with the remaining necessary courses to complete a BS degree at OSU in the College of FAES. Members from the Offices of University Registrar and Undergraduate Education were invited and participated in the review process of this proposal. This program is a result of the partnership between COTC and OSU, providing access to higher education for graduates of two-year institutions across the state. The success of these types of programs will be closely monitored. Also, the success of transfer students is being tracked at University level by the Office of Institutional Research and Planning.

Hobgood moved approval of this proposal, with the caveat that the Council will be updated on the success of this program in the following two years; the motion was seconded by Wolf, and carried with all in favor.

SUBCOMMITTEE A – LESLIE ALEXANDER, ASHOK KRISHNAMURTHY, SARAH LANG, JOHN WILKINS

Semester Proposal – College of Food, Agricultural, and Environmental Sciences

- **Bachelor of Science in Agriculture – Agricultural Communication**

Alexander presented the proposal. This program will be converted with minimal changes from 55 quarter credit hours to 42 semester credit hours. The list of required courses has been updated to include courses that use new technology tools in instruction, like: AGRCOMM 2130 Visual Media in Agriculture and Natural Resources and AGRCOMM 4130 Publication Design and Production. All questions raised by Subcommittee A have been answered. Unlike the overall College requirement of 2 credit hours of Internship, this particular major will require a total of 5 credit hours, which could be taken in two separate sessions counting for 2, respectively 3 credit hours.

Alexander moved approval of this proposal; the motion was seconded by Ward and carried with all in favor.

SUBCOMMITTEE D – JIM COGDELL, JAY HOBGOOD, W. RANDY SMITH

Semester Proposals – College of Food, Agricultural, and Environmental Sciences

- **Undergraduate Minor - Agricultural Systems Management**

Hobgood presented the proposal. This minor will be re-envisioned with significant changes from 22 quarter credit hours to 13 semester credit hours. The overall numbers of required courses has been reduced, in order to provide more flexibility to students. The required course will be: AGSYSMGT 4600 Agricultural Safety and Health. Student will then choose one additional course and select courses from a list of electives to count to a minimum of 13 credit hours, out of which at least 2 credit hours need to be in the upper-level. The minor does not require any prerequisite courses; however, some of the courses chosen by students might require Math 1148, Physics 1103, 1200 or 1250.

Hobgood moved approval of this proposal; the motion was seconded by Wilkins and carried with all in favor.

- **Animal Sciences – Undergraduate Minor**
- **Animal Nutrition – Undergraduate Minor**
- **Equine Science – Undergraduate Minor**

Hobgood presented all proposals. All of these minors will be converted to the semester calendar with minimal changes. The Animal Science Minor will convert 23 quarter credit hours to 16 semester credit hours. The Animal Nutrition Minor and the Equine Science Minor will each convert 20 quarter credit hours into 15 semester credit hours. For the minor in Animal Science the conversion is mostly done on a course to course basis; ANIMSCI 200 Introductory Animal Science will be converted into ANIMSCI2200.01 (3 semester credits) and ANIMSCI 2200.02 (Lab – 1 semester credit).

Hobgood moved approval of these proposals; the motion was seconded by Wilkins and carried with all in favor.

- **Environmental Science – Undergraduate Minor**
- **Forestry, Fisheries and Wildlife – Undergraduate Minor**

Hobgood presented both proposals. Both of these minors are new under the semester calendar, each requiring 15 credit hours. The minor in Environmental Sciences requires ENR 2100 Introduction to Environmental Science (3 credit hours), at least 2 courses from a selection of 4 controlled elective introductory coursework, and the remaining credit hours will be selected from courses grouped in controlled electives in Ecosystem Science. For the minor in Forestry, Fisheries and Wildlife, the required courses are: ENR 2100 Introduction to Environmental Science, and ENR 3300 Introduction to Forestry, Fisheries, and Wildlife. The remaining credit hours must be selected from courses grouped in the following areas: Forestry Focus, Fisheries Focus, and Wildlife Focus. Courses at 5000 level will require as prerequisites exactly the courses that are already required for the minor.

Hobgood moved approval of these proposals; the motion was seconded by Wilkins and carried with all in favor.

- **Landscape Construction – Undergraduate Minor**

Hobgood presented the proposal. This minor is re-envisioned with significant changes from 23 quarter credit hours to 15 semester credit hours. The structure of the required and the

elective courses will be changed under semesters. CONSYSMT 1205 Introduction to Construction Systems Management is a prerequisite course for this minor and will provide a basic foundation in construction management and the materials, methods and equipment used for constructing landscape.

Hobgood moved approval of this proposal; the motion was seconded by Wilkins and carried with all in favor.

- **Production Agriculture – Undergraduate Minor**

Hobgood presented the proposal. This minor will be re-envisioned with significant changes from 21 quarter credit hours to 15 semester credit hours. Besides the existing three categories to the minor: Agricultural Technology, Animal Sciences and Plant and Related Sciences; a new category will be added under semesters: Management Science. Each category has its own specific courses. Students will need to choose courses spanning from at least two areas of concentration.

Hobgood moved approval of this proposal; the motion was seconded by Fitzpatrick and carried with all in favor.

- **Meat Science – Undergraduate Minor**
- **Rural Sociology – Undergraduate Minor**
- **Soil Science – Undergraduate Minor**

Hobgood presented the three proposals. All of these minors will be converted to the semester calendar with minimal changes. The Meat Science Minor will convert 20 quarter credit hours into 12 semester credit hours. In this minor, MEATSCI 3210 Food Animal Processing has been moved from the required list of courses to the electives list. Rural Sociology Minor will convert 20 quarter credit hours into 12 semester credit hours. Soil Resource Minor will change its name under semesters into Soil Science Minor requiring 16 credit hours.

Hobgood moved approval of these proposals; the motion was seconded by Alexander and carried with all in favor.

- **Sustainable Agriculture – Undergraduate Minor**

Hobgood presented the proposal. This is a new minor under semesters, requiring 15 credit hours. The two required courses are: ENR 5600 Sustainable Agriculture and Food Systems and HCS 2306 Sustainable Vegetable Production, each of 3 credit hours. Students will take at least one course from three categories to meet the minimum of 15 hour requirement. The categories are: Environmental/Production dimension; Social dimension, and Economic dimension.

Hobgood moved approval of this proposal; the motion was seconded by Wilkins and carried with all in favor.

- **Youth Development – Undergraduate Minor**

Hobgood presented the proposal. This interdisciplinary minor will require 16 semester credit hours. The required courses are: COMLDR 5350 Youth Organizations and Program

Management, PAES 2542 Lifespan Motor Development, SOCWORK 2110 Prevention and Youth Development Through Sport, Recreation and Play. Also, the students will need to choose another required course from HDFS 2420 Adolescence and Emerging Adulthood, or PSYCH 2551 Psychology of Adolescence. The remaining courses can be selected from the list of electives. This minor is appropriate for students in all majors. Potentially, there could be students who will complete all the courses required for this minor under the quarter calendar. If the minor gets approve, the College will make all necessary adjustments to start awarding this minor under the quarter calendar. The name of this minor is the product of ongoing conversations between contacts from various departments in the University: African American and African Studies, Anthropology, Arts and Humanities, School of Communication, Human Development and Family Sciences, Psychology, Social and Behavioral Sciences, Sociology, and Social Work.

Hobgood moved approval of this proposal; the motion was seconded by Alexander and carried with all in favor.

- **Community Outreach Education – Undergraduate Minor**

Hobgood presented the proposal. This minor will change its name from Agricultural and Extension Education to Community Outreach Education and will require 17 semester credit hours. The name change reflects the changes within the department. All 6 courses are required. Currently, the Committee of Curriculum and Instruction (CCI) approved the name change for this minor, but they are reviewing if all students from ASC could take this minor. The outcomes of their review will be presented to the Council and will be re-sent for approval if needed be.

Hobgood moved approval of this proposal; the motion was seconded by Douglas and carried with all in favor.

COMMENTS FROM VICE PROVOST W. RANDY SMITH

Smith acknowledged the outstanding work and leadership shown by the Co-Chairs, Jim Cogdell and Jay Hobgood over the past year with its focus on the review process for the semester conversion proposals.

This Autumn, the Council will return to some semester conversion issues (dual and tagged degrees, some additional semester proposals for graduate programs). But attention will return to more routine Council business with meetings occurring every other week.

The course approval process is almost completed. The target date for all courses to be submitted to the Office of University Registrar is October 15, 2011.

The Undergraduate Student Government has developed an online tool: MySwitch (http://myswitch.osu.edu), aimed to help students transition easily from quarter to semester calendar. The portal provides specific information on various topics like: classes, finances, summer of 2012 calendar of activities, in campus living, study abroad, various calendars and important due dates.

Council members should be aware of significant changes within the College of Arts and Sciences with regard to curriculum leadership. Professor Steve Fink (English) will be the new Associate Executive Dean in Arts and Science starting October 1, 2011. He will oversee all curriculum matters activities within the College.

The meeting adjourned at 4:50 PM.

Respectfully submitted,

W. Randy Smith
Liana Crisan-Vandeborne