

**University Honors Program
Academic Programs and Services
Division of Academic and Student Affairs
North Carolina State University**

Annual Report

2011-2012

Submitted by Larry Blanton, Director

Changes in Service Environment

Fellowship Advising Office

A hallmark event of this year was the return to NC State of a full-time fellowship adviser. Dr. Tiffany Kershner joined us on July 18, 2011 as the Coordinator for Distinguished Scholarships and Fellowships. Our intent is for the Fellowship Advising Office to remain an integral part of the University Honors Program, so that the office may draw upon the staff and resources of the UHP. In addition, we seek to create a campus-wide “culture of fellowships” through the creation of a formal fellowship liaison network (all but two colleges have designated representatives and every program for high-achieving students is represented). A next step will be the formation of permanent campus scholarship committees dedicated to certain scholarships so that over time the committee members will build expertise that will assist in the selection of competitive applicants as well as the early identification and cultivation of potential applicants.

The demand for this position is evident from the fact that in her first year Dr. Kershner held 314 scheduled appointments (not counting the many drop-in visits), offered 27 workshops, and met individually with other constituents groups on campus (e.g., Park Faculty Mentors, Student Athlete Advisors). Our fellowship advising Moodle site has 563 registered users. The fellowship adviser was involved in 109 fellowship applications, with 18 of those resulting in awards. Notable accomplishments included having four Goldwater Scholars, the most that can be received by one institution. Only four institutions nationally had the maximum of four Goldwater Scholars. We also had two Udall Scholars; NC State was one of only seven institutions with more than one Udall Scholar. NC State was the institution of baccalaureate origin for 20 National Science Foundation Graduate Research Fellows. Of those, five were current seniors. Please see the appendix for further details concerning fellowship applications and successes.

Looking forward, the major challenge facing the Fellowship Advising Office will be managing the increasing demand upon its services. For example, there were 20 campus applicants for Fulbright Scholarships (both undergraduate and graduate students; this was a record number compared to recent years). Each involved multiple meetings with the fellowship adviser, an in-person interview with the campus committee, advice and consultation concerning each student’s final application, and the preparation of a campus evaluation to accompany the application, all activities occurring between mid-August and mid-October concurrent the application deadlines for a number of other fellowships. It is not unusual for our peer institutions to have 40 and more (sometimes many more) applications for Fulbright scholarships. Managing that number effectively with a single fellowship adviser will be difficult. The administrative staff in the UHP has also been instrumental in managing applications, scheduling meetings, and handling other logistics of the process. Loss of either staff member to a university business center would adversely affect our ability to manage the fellowship applications.

Increasing demand for the University Honors Program

Last year we reported an increase in applications for admission to the University Honors Program, with 763 applications received for Fall 2011 compared to 602 for Fall 2010. This trend continued for Fall 2012, with our receiving 875 applications. The recent University enrollment planning decision to maintain the number of entering freshmen at the current level suggests that in coming years we can increase in the academic profile of the incoming class and hence increased demand for programs such as the UHP. The University also seeks to increase the number of out-of-state students. Our ability to compete for those students requires being able to offer them opportunities such as the UHP.

Our entering class size is limited to 180-200 by a number of factors, most significantly the number of HON seminars that we can offer and the number of bed spaces in the Honors Village. All entering freshmen are enrolled in an HON seminar their first semester. We require that our students complete four HON seminars (a minimal requirement compared to peer Honors programs). We are facing great challenges in offering sufficient seminar seats for our students, experiencing a 180 seat shortfall for the 2011-2012 academic year and projecting shortfalls of 273 seats in 2012-2013 and 322 in 2013-2014. If these shortfalls cannot be addressed, we will have to reconsider our program requirements.

The new Division of Academic and Student Affairs

We are planning for the transition to the new organizational structure, being an integral unit of Academic Programs and Services within the Division of Academic and Student Affairs (DASA). It should be noted that the UHP already exemplifies the effective cooperation between academic affairs and student affairs through our long-standing partnership with University Housing (including a staff position that is shared equally between the two units).

We will be joined in Academic Programs and Services by the University Scholars Program (USP). The UHP and USP will share a common advisory board and will hold periodic joint staff meetings to facilitate cooperation and coordination between the programs, which will remain operationally distinct.

One outcome of the new organization was the transfer of the UHP staff person dedicated to information technology to a centralized IT group within DASA, a move that was effective on May 1, 2012.

Initiatives

UHP Convocation

Fall 2012 marked the first University Honors Program convocation held at NC State. UHP convocation is modeled after the "Aims of Education" address, which has been given annual to incoming first-year students at the University of Chicago since 1962. As UHP students enter their formal undergraduate career, the event serves as a way to reflect on the nature of education, in general, and the nature of education at NC State, in particular. For 2011, the speaker was Dr. Joseph M. DeSimone, Distinguished Professor of Chemical Engineering, North Carolina State University and the Chancellor's Eminent Professor of Chemistry, University of North Carolina at Chapel Hill.

"Research Unplugged"

For 2011-2012, the University Honors Program began a new programmatic initiative designed to humanize scholarship and research for undergraduate students. Faculty were asked to use broad brush strokes to share their scholarly journey, to articulate the questions which drive them to know, to speak

about how knowledge is generated in their field, and to offer what they hope will be their unique scholarly contribution. Please see the appendix for a list of “Research Unplugged” presenters.

Internal & External Communication: Student Media Board

In order to increase our internal and external communication, as well foster stronger connections between and among our student population, we started the Student Media Board, which is modeled after a similar student group in the University Honors Program at UNC-Wilmington. The board was comprised of six undergraduate UHP students, who facilitated a redesign of the UHP blog, served as writers and editors for blog posts, as well as photographed UHP events throughout the year. The redesigned blog showcasing the students’ work can be found online at www.ncsuhonors.com.

Research Speed Dating

One of the largest and most successful events of the year was Research Speed Dating, which was conceived and driven by freshman UHP student Catie McVey. The concept was to get students more closely connected to faculty research and scholarship across the university by providing an informal way for faculty, students and staff to network across all disciplines. For this event, the UHP partnered with the Office of Undergraduate Research, and was supported by several undergraduate UHP students. The event was held in Talley Ballroom on 1/26/12, with approximately 35 faculty and 125 undergraduate students participating.

UHP Ambassadors

Carolyn Veale, Assistant Director, engaged in a major overhaul of the University Honors Program Ambassadors Program. The application process occurred in early April and 20 UHP Ambassadors were selected for the 2012-2013 academic year. A luncheon meeting has been planned for the day before classes start to plan, discuss important dates, and brainstorm about a plan of action for the academic year.

The UHP Ambassadors have been placed in specialty categories: Collegiate Engagement (primary focus is on current students and alumni and developing programs and activities for this target group), Outreach (primary focus will be on prospective students/recruitment activities and community involvement), and Peer Mentoring (primary focus on first year students and serving as guides/mentors in the areas of research and scholarship initiatives). A table listing the Ambassadors and their assigned roles is included in the appendix.

Fellowship Advising Website

We continued to work on the full implementation of the Fellowship Advising Resource web site (tentatively named FARsite), the replacement for the late lamented “FANG” (Fellowship Advising Net Gizmo). We encountered significant challenges in interfacing the new system with various changes in the University’s server, security, and web environments. In the meantime, we created a Moodle site to provide students with information about fellowships opportunities. We anticipate the full launch of the fully capable FARsite before the end of the fiscal year.

The Honors Village

Learning Outcomes and Objectives

The Honors Village leadership team (Andy Petters, University Housing; Brian Peters, University Honors Program and University Housing; Aaron Stoller, University Honors Program) developed learning outcomes and objectives for the Honors Village and will begin a strategic planning process over the summer of 2012. Please see the appendix for the learning outcomes and objectives.

Occupancy Increase

The 2011-2012 academic year was the first time in Honors Village history in which both Bagwell and Becton Halls were filled with UHP students. At the time of this writing, Bagwell, Becton and the third floor of Berry Hall will be filled with UHP students for the 2012-2013 academic year.

Scholar-In-Residence

For the 2011-2012 academic year Dr. Bill Bauer, Teaching Assistant Professor of Philosophy, was Scholar-In-Residence for the Honors Village. This was the first time the Honors Village hosted a year-long Scholar-In-Residence. Dr. Bauer and his family will remain in the Village for 2012-2013, as well. Please see the appendix for a list of Dr. Bauer's activities in the community.

CORE

The Community Orientation Retreat Experience is the kickoff experience for the Honors Village and serves as a way to help first-year students form an immediate connection with the Honors Village Community. This year, CORE was changed from exclusively focusing on team-building activities to a mix of academic workshops and community-building. In the morning, students attended workshops on undergraduate research, the libraries, and academic leadership in the classroom; in the afternoon, they competed in a scavenger hunt around the NCSU campus.

Prospective Students Weekend

In collaboration with Assistant Director Carolyn Veale, the Honors Village hosted an overnight visit for prospective UHP students, which was scheduled in conjunction with Engineering Open House. Approximately 200 students and family members attended the dinner and overview sessions.

Diversity

Marquette Russell participated in and graduated from the NC State Equal Opportunity Institute (EOI).

Carolyn Veale served as a reviewer for the Chancellor's Leadership Awards.

Carolyn Veale meets regularly with almost all of the African-American students in the UHP. She worked extensively with some of them to identify summer opportunities and writing letters of recommendation on their behalf.

Carolyn Veale served as an academic coach for Pack Promise students.

Claude Raines continued to serve on University IT Accessibility Working Group, helping to develop the new Accessibility regulations and FAQ, which are located on the OIT website. He advised colleagues on accessibility issues regarding online projects (e.g., blog and Google forms) and consulted with the University IT Accessibility Coordinator to address questions and concerns.

Several HON seminars offered in Fall 2011 addressed diversity or global knowledge topics:

- HON 202-006 and -007. "Inquiry, Discovery, and Literature: Twentieth-Century American Literature and Society," offered by Dr. Jennifer Nolan-Stinson, includes thematic emphases such as constructions of class, race, and gender, uneasiness with an increasingly technological society, and disillusionment with one's society or sectors of it (such as the mental health system) evident within works by the authors above, as well by T.S. Eliot, Richard Wright, Gwendolyn Brooks, and Joyce

Carol Oates. The course has been informally accepted as satisfying the US Diversity co-requisite in the GEP. Formal approval will be sought.

- HON 290-001. “The Fall of the Roman Republic,” offered by Dr. Molly Pryzwansky, was approved for the Global Knowledge co-requisite in the GEP.
- HON 293-002. “The Politics of Travel,” offered by Dr. Rebecca Walsh, was approved for the Global Knowledge co-requisite in the GEP.
- HON 299-001. “Music and Culture of South Asia,” offered by Dr. Jonathan Kramer, was approved for the Global Knowledge co-requisite in the GEP.
- HON 346-001. “Ethics and Gender,” offered by Dr. Christine Pierce, is listed as a US Diversity co-requisite course.

Several HON seminars offered in Spring 2012 addressed diversity or global knowledge topics:

- HON 290-001. “Alexander the Great,” offered by Dr. Molly Pryzwansky, was approved as a Global Knowledge co-requisite in the GEP.
- HON 296-002. “Words through Space and Time,” offered by Dr. Tiffany Kershner, was approved as a Global Knowledge co-requisite in the GEP.
- HON 398-001. “Asian Religious Diversity in the Triangle,” offered by Mr. Darby Orcutt, was a one-credit, credit-only course that involved readings, discussions, and field trips to a variety of places of worship.

UHP Capstone projects occasionally address diversity topics:

- “Truth and Reconciliation Commission of Sierra Leone: Effectiveness, Similarity to South African Model and Universal Application”
- “Poetic Portraits of a Revolution” (the UHP student was a member of a team that visited the Middle East during “Arab Spring” to provide documentation in poetry and photography. Their project was featured nationally and locally on WUNC-FM).
- “Ecotourism: The Good, the Bad, and the Ugly”
- “Comparative Urbanity: Raleigh and Prague”
- “Global Health Senior Design: Developing an internationally immersive experiential learning program for engineering students”
- “Racial Motivations Behind International Refugee Law in Relation to Women”
- “The Thoughts of Adolescents on the Messages in Hip Hop Music”
- “A Closer Look into the Criminal Justice System”
- “Comparative Approaches to Transitional Justice in the Former Yugoslavia”
- “Text Messaging In Romantic Relationship Conflict: An Exploratory Study into Gendered Behaviors and Beliefs Performed over Text Messages during Romantic Conflict”

As will be noted in more detail in the “Extension/Engagement” section, we initiated a collaboration with the Daniel Center of Science and Mathematics, an after-school program for at-risk and underprivileged students. A team of over 30 UHP students volunteered at the Daniel Center three afternoons a week for the fall and spring semester.

Instructional Program Advances

We continued to explore ways to help our students and their advisers understand which HON seminars will satisfy which GEP and co-requisite categories. This will most likely require the addition of numerous special topics “shells” to correspond to each of the possible combinations.

We held UHP completion ceremonies for our graduating students in both the Fall and Spring semesters. The Spring event was the largest yet, with over 175 attendees.

The UHP continues to provide administrative support for the Honors contracts system (Honors contracts are mostly used by students in the University Scholars Program and in the various disciplinary Honors programs), processing a total of 586 Honors contracts (an increase of 176 over last year).

The UHP continues to provide significant administrative and financial support for the Zeta of NC Chapter of Phi Beta Kappa, processing 262 invitations and 137 acceptances.

Research

Publications by UHP Staff (underlined):

Garst, B., Franz, N., Peters, B., Baughman, S., Smith, C. (in press 2012). Using single-case participatory action research as a methodology to explore staff experiences in Appalachian summer camp communities. *PRISM: A Journal of Regional Engagement*.

Peters, B. (Winter 2012). Check it or regret it: Why housing departments should conduct background checks on student staff. *SEAHO Report*, 18-20.

Stoller, Aaron. (2011) "Communities of Practice and Ways of Knowing: Reclaiming *Bildung* in University Education" *SPECTRA*, Vol. 1, Number 2.

Presentations by UHP Staff:

Stoller, Aaron. (October 2012) "Learning Justice in the Aristocratic Classroom," South Atlantic Philosophy of Education Society, Appalachian State University, Boone, NC

Stoller, Aaron. (March 2012) Keynote. "The Temporal Logic of Art, or What It Feels Like To Write A Poem," Philosophical Collaborations Conference, Department of Philosophy, Southern Illinois University Carbondale, IL

Extension/Engagement

The Daniel Center for Math and Science

As part of her experience in HON 310 in Spring 2011, UHP freshman Theresa Mazzoleni decided that she wanted to help young women become more interested and empowered to succeed in the STEM fields. After a meeting with Theresa, UHP staff, Michael Clinkscales (Director of the NCSU Teaching Fellows), and Robin McWilliams (Director of the Students Advocating for Youth (SAY) Village), she identified The Daniel Center for Math and Science as a potential outreach opportunity. The Daniel Center is a local afterschool center that works with at-risk and disadvantaged youth to help them become more proficient in math and science and more motivated to succeed, as well as expose them to opportunities for success. Theresa and members of the UHP staff worked to formalize the partnership and recruit other UHP students to participate. For 2011-2012, over 30 UHP students filled all of the hours available on Monday, Wednesday and Friday at The Daniel Center. In Spring 2012, Theresa named Anna Komsa, a rising UHP sophomore as the next program organizer. At the time of this writing, UHP students already filled the entire volunteer schedule (M-F) for The Daniel Center during the fall semester.

UHP Capstone Projects in the Extension/Engagement Area

- "Development of an Anatomy of NC Art Therapy Institute Internship Experience"
- "Foot Drop Assistive Ankle Foot Orthotic with Audio Feedback Mechanism"
- "Establishing a STEM Educational Program at the Boys Club of Wake County and Evaluating its Effectiveness to Increase Students' Interest in and Attitude Towards Science and Mathematics"

- “NCSU Business Incubator”
- “Global Health Senior Design: Developing an internationally immersive experiential learning program for engineering students”
- “Domestic Animals Laboratory Manual”

Honors Village Outreach

The Honors Village once again participated in “Shackathon” on the Brickyard. Another major service event was the Honors Village “Relay for Life” team, which finished second in fund-raising in the NC State event (total to date: \$4,013.56), vastly exceeding its initial goal. The NC State team will be featured on the national “Relay for Life” web site as an example of a team that greatly increased its fund-raising from the prior year.

UHP Staff Outreach Efforts

UHP Staff members are active in the community. Carolyn Veale volunteers with the Wake County Public Schools. Marquette Russell serves on the Board of Trustees of Wake Health Services, Inc. (and on its Membership and By-laws Committee) and also serves as a BCBS Health and Dietician Coach, as Wake County Elections Coordinator, and as a notary of the public.

Faculty & Staff

Carolyn Veale was inducted into the Golden Key International Honor Society.

The UHP staff members are encouraged to engage in training opportunities. Marquette Russell completed the Adviser Development Institute and the Equal Opportunity Institute and participated in a variety of financials-related training classes; Dwayne Barnes completed the Pathways Leadership Development Program; Claude Raines learned the JQuery Programming Framework for Web 2.0 application development and the Cake PHP Framework for rapid web development; Tiffany Kershner participated in the National Association of Fellowship Adviser study tours to the United Kingdom and to Washington, D.C.

The UHP staff members are encouraged to further their education. Aaron Stoller is pursuing a Ph.D. at Virginia Tech University.

University Service activities by UHP staff members included:

- Marquette Russell: Staff Senate; University Dining Committee (elected chair for 2011-2012); Elections Committee of the Staff Senate; Team Captain for the “Wolfpack Gives Back” Campaign
- Carolyn Veale: University Dining Committee; Chancellor Leadership Award Application Reviewer; Study Abroad Scholarship Award Reviewer; Hugh Shelton National Leadership Scholarship Reviewer; DUAP Assessment Team; Scholarship and Student Aid Committee; Open House Committee; Recruiter’s Roundtable; Advisors Roundtable; Honors Village Advisory Council; Wolfpack Welcome Week Committee; participant in the Critical and Creative Thinking Dialogue
- Aaron Stoller: Honors Village Advisory Council; Member, Honors Village Community Director search committee; Member, Director of Undergraduate Research search committee
- Larry Blanton: Director of Graduate Programs for the Department of Plant Biology; Member, Academic Science Task Force; Member, Search Committee for the Vice Chancellor of Academic and Student Affairs; Member, DUAP Courses and Curriculum Committee; Internal review committee member for the NC State Department of Communication review; Chair, Committee on Members in Course of the Zeta of NC Chapter of Phi Beta Kappa; Administrative liaison, Zeta of NC Chapter of Phi Beta Kappa; Committee Member, Plant Biology Ph.D. student; substitute

Graduate School representative for a Plant Pathology Ph.D. student; member of the mentoring committee for a Plant Biology teaching assistant professor; Honors Village Advisory Council
Claude Raines: DUAP IT Group and Committee; University IT Accessibility sub-committee; LAN Administrator and Google Migration meetings

Students

The Honors Village received local and regional awards, including the Academic Collaboration Award and from the Southeastern Association of Housing Officers and several student awards including Honors Village received several student awards including: community of the month award for October in the Southeast Region of the United States (SAACURH), Hall of the Semester (Fall & Spring), Hall of the Year, and East Campus Cup.

Brian Shuster was awarded a Udall Scholarship.

Richard Deans, Brinda Monian, and Heidi Klumpe received Goldwater Scholarships.

Brian Gaudio was a member of the winning team in the Disney ImagiNations Design Competition

Mohammad Moussa and Neel Mandavilli were featured speakers at TEDxNCSU

Rachel Gonsalves was selected for the UK Fulbright Institute at the University of Nottingham

Rachel Gonsalves was one of the inaugural recipients of a Robert L. and Marilyn D. Blanton Enhancement Grant, awarded through the Fellowship Advising Office

Four graduating UHP students received National Science Foundation Graduate Research Fellowships (Molly Matty, Matthew Ostrowski, Evan Piephoff, and Bobby San Miguel). UHP alumni who received NSF Graduate Research Fellowships included Tyler Barry, Alexandra Landry, and Alex Schlegel.

In Spring 2012, 52 UHP students presented research at the NCSU Undergraduate Research Symposium

34 UHP students were inducted into Phi Beta Kappa

11 of the 25 Caldwell Fellows named in Spring 2012 were UHP students

Michelle Phillips and Alan Sheridan were named "Leaders of the Pack." Another three UHP students were finalists in the competition (Mary Pat Bulfin, John Turner, and Bassil El-Zaatari)

Please see the appendix for a table of the number of UHP students who are also members of other programs for high-achieving students on campus.

Fund-raising

We received our largest gift in the history of the University Honors Program, a \$53,000 donation from Marilyn D. Blanton. The funds have four designated purposes:

- (1) \$25,000 for Office of Fellowship Advising Enhancement Grants. These are \$5,000 awards to enable students to participate in special summer projects with the potential to position them for success in subsequent fellowship and scholarship competitions. The competition for these grants attracted 25 applications and five awards were granted (see Appendix for details). It should be

noted that these grants were not restricted to UHP students; in fact, only one of the five recipients was a student in the UHP.

- (2) \$10,000 for UHP travel awards, to enable students to travel to national meetings to present their research or to travel for fellowship interviews. So far only one award has been made, to Brian Gaudio to enable him to travel to Philadelphia for his Truman finalist interview.
- (3) \$10,000 for emergency scholarships to be available to UHP students whose graduation is imperiled because of a sudden change in their financial circumstances. We have arranged for the Office of Scholarships and Financial Aid to alert us to any UHP students who would benefit from these funds.
- (4) The balance for food and entertainment expenses related to any of the above awards and to provide for special professional development activities by the UHP staff.

We received several gifts from parents and alumni through the University's Annual Fund. We also sold additional bricks for the Honors Village walkway. In fact, the pathway (now called the "Pathway to Creativity" doubled in size with our most recent brick installation.

As the University prepares for its next Capital Campaign, we hope that the University Honors Program and the Office of Fellowship Advising will be priority targets for the campaign.

Unit Directors

Dr. Tiffany Kershner joined the University Honors Program as Coordinator for Distinguished Scholarships and Fellowships on July 18, 2011.

In collaboration with our University Housing partners, we conducted a national search for a new Honors Village Community Director, the position having been vacated by Jordan Luzader on June 30, 2011. Brian Peters joined us on October 3, 2012.

As noted earlier in this report, Claude Raines retains his physical location and responsibilities within the University Honors Program, but as of May 1, 2012 officially became a member of the central Information Technology Group for the Division of Academic and Student Affairs, reporting to the Director of that group, Ms. Leslie Dare.

Recommendations and Concerns for the Future

Enhancing research involvement and development of "the life of the mind"

Major goals for this year were to increase the academic component of the Honors Village and to emphasize early involvement in research by our students. Several new initiatives were launched and old programs modified to help achieve these goals; these will be continued in the new academic year as outlined below.

Honors Undergraduate Journal

The University Honors Program will create an electronic undergraduate journal (title TBD) that will focus on 'research in progress.' It will have an editorial board comprised of undergraduate UHP students and solicit articles from undergraduate students nationally, giving priority to NCSU students. It will feature a broad range of articles from students narratives on the process of finding research opportunities, to UHP capstone projects in process, to faculty essays on the nature of inquiry and discovery. In Fall 2012, a course in academic publishing will be co-taught by Darby Orcutt from the NCSU libraries and Aaron Stoller from the University Honors Program as a way of training the incoming editorial board.

Freshman HON course integration with Honors Village Fellows

In Fall 2012, the Honors Village Fellows will serve as discussion leaders and peer mentors in all freshman HON seminar sections. This will serve the purposes of role modeling academic leadership to incoming students, providing stronger foundation for peer mentoring, and serve to better integrate concepts from coursework into the lived experiences of entering students.

“Work In Progress”

In 2012-2013 a new programmatic series, spearheaded by rising UHP Junior and Honors Village Fellow Courtney Vaughn, will begin. “Work in Progress” is a working paper/presentation series, designed to offer critical feedback on pre-publication, or pre-presentation versions of academic articles and research posters resulting from the research activities of students, faculty and staff in the University Honors Program at NC State. Work examined is in various stages of completion, with some at the cusp of being delivered at a disciplinary conference or submitted for publication, and others still in the early stages of conceptual development. It will be held on the first and third Tuesdays of the semester.

Reconceptualize “Research Unplugged”

“Research Unplugged” was a moderate success during 2011-2012. While there was a core group of students who attended, the conversation initially imagined was not as rich and deep as expected. After several focus groups with UHP students to reconceptualize the program, beginning in Spring 2013, “Research Unplugged” will be topic-focused rather than faculty-focused. In other words, rather than having the conversation revolve around the research narrative of a particular faculty member, conversations will revolve around topics facing the local, national, and global community. In cooperation with students, the UHP professional staff will identify topics of importance, as well as experts in related fields from NCSU and the surrounding area, and invite them to join in conversations with UHP students on a bi-weekly basis. The series will remain the same for Fall 2012 while the new format is developed.

Scaling-up HON 310?

HON 310, “The Creative Process in Science,” has proven to have profound impact upon many of the students who take the course. By covering a familiar subject in an unfamiliar way, students begin to see their chosen discipline in a new light and are inspired to pursue new ideas, undertake challenges, and begin to walk down the path towards true scholarship. A frequent comment from students is that they think every UHP student should take a course like HON 310. We will begin to study how this could be possible, perhaps with similar courses developed with different disciplinary foci.

Research-based Courses

For the past two years and continuing this Fall, the UHP has been in partnership with the NC State Biotechnology Program (Dr. Sue Carson) and Department of Microbiology (Dr. Eric Miller), helping to support their BIT/MBIO 210 course, “Phage Hunters.” This research-based course has had remarkable success in exposing freshmen to research in a structured environment. Alumni from the course have moved on to highly successful undergraduate research careers. We will continue to work with the Biotechnology Program to support this course and investigate the feasibility of developing others.

Local/Global Issues Immersion Course

Beginning in Spring 2012, a new HON seminar on Local/Global issues will be offered to students living in the Honors Village. This course will be taught or co-taught by a member of the UHP staff and will offer students the opportunity to explore an issue which faces the local or regional

community, but with a larger, global impact. In the first half the semester, students will examine the issue in its historical, political, ethical, and cultural dimensions. Students will then take an immersion trip over Spring break to examine the impact of the problem in the lives of affected people.

Fellowship Advising Effort

The new fellowships adviser is off to a great start. It is critically important to maintain the momentum that she establishes, being sure to maintain the staff support upon which she can currently rely, working to engage the campus community in the fellowships effort, and recruiting faculty to serve on the campus fellowship committees. The overall effort can quickly grow to something much larger than one person can manage, so we need to be proactive at planning ahead for how to provide additional support, perhaps through faculty buy-outs or graduate assistantships. Increased success of our students in the national fellowships competitions will contribute greatly to an enhanced institutional reputation.

Seminar Seats

The UHP students are experiencing increasing frustration with satisfying program requirements in a timely manner when we are able to offer only 77% of the seminar seats needed (for AY 2011-2012; we project only being meet 70% of the demand in AY 2012-2013 and 67% in AY 2013-2014). The program had actually been designated to receive sufficient enrollment increase dollars to meet this deficit, but those funds were lost in the various rounds of budget cuts. If funds for additional seats will not be forthcoming, we will need to do one or more of the following: (1) reduce the size of the entering class; (2) explore other options for meeting program requirements (but note that our requirements are on the extreme low end of the national norm); (3) increase student participation in our experiential learning courses (but those represent additional faculty work).

Capstone challenges

The Capstone project requirement continues to be a challenge. To complete the program, each UHP student is required to complete a minimum two-semester (or equivalent) independent research project. The problems arise with our students who are required to accomplish a Capstone-like project for their own major (e.g., engineering senior design projects). We work with the students to develop modifications of their senior design projects to justify their also counting as the UHP Capstone. This is more readily accomplished with some projects than others. Our options going forward are to: (1) start working earlier with our students to plan their Capstone projects; or (2) focus our efforts on the first two years and leave Capstone projects to the disciplinary honors programs. The problem with the latter is that not all departments/colleges have honors programs and sometimes our students wish to pursue interdisciplinary Capstones that work well under the auspices of the UHP, but less well for the specific disciplines.

Funding for special opportunities

A long-standing challenge is the lack of funds to enable our students to engage in special opportunities. Ideally, every UHP student would be able to count on at least one special opportunity award during their time at NC State. These kinds of experiences prepare students for outstanding post-graduate opportunities and for national scholarship and fellowships. Such an award system would unlock the entrepreneurial spirit of the UHP students. We would recommend this as a priority goal for the upcoming capital campaign. One impetus for pursuing funding for the Fellowship Advising Office Enhancement Grants was to build case histories of the impact such grants have on students and thereby motivate others to donate.

Funding for scholarships

Another challenge is the complete absence of dedicated scholarship funds. The UHP could be a great help in recruiting outstanding out-of-state students and students who are members of underrepresented minority groups, but we cannot do so without having scholarship funds under the control of the UHP. We

encourage the University to avoid creating more stand-alone scholarship programs and instead to leverage the programs that we have in place by directing scholarship donations to those programs.

Examples applicable to Strategic Goals

Enhance the success of our students through educational innovation.

- For the 2011-2012 academic year and moving into 2012-2103, the UHP continues to innovate by viewing pedagogy as a broader concept than what occurs inside the formal classroom. Our co-curricular environment is designed to blur the lines between the in-class and out-of-class experience in order to more closely connect academic experiences to societal problems, to help students understand ways of knowing across multiple disciplines, and to demystify the research and discovery process so that students might become increasingly engaged in high-impact learning experiences.
- The HON seminars are low-enrollment, inquiry-guided learning activities that provide faculty members with the opportunity to try new approaches and ideas on students who are often more open to new types of educational experiences and who provide useful feedback on the further development of the course.

Enhance scholarship and research by investing in faculty infrastructure.

- HON seminars can provide faculty with opportunities to explore new areas of research. In fact, one HON seminar led to the publication of a scholarly book, others have led to conference presentations (by the faculty member and/or the students), others have led to student projects.
- HON seminars can serve (and have served) as the educational component of an NSF CAREER award and also provide evidence the NSF “broader impacts” criterion.
- The prospect of teaching an HON seminar can be very attractive to faculty members and can be (and has been) used as an inducement for recruitment or retention of top faculty.

Enhance interdisciplinary scholarship to address the grand challenges of society.

- HON seminars and UHP Capstone projects provide opportunities for interdisciplinary research and education.
- The Honors Village encourages interdisciplinarity through the shared living experience of students from across almost all of the colleges and through programming that brings scholars from a variety of fields into contact with the students of the Honors Village.
- The fellowships effort brings together students from a variety of disciplines and they interact with faculty review panels that are comprised of faculty from a variety of disciplines. Through this process, the students and faculty learn about other areas and may begin to identify potential areas of collaboration.

Enhance organizational excellence by creating a culture of constant improvement.

- Success in the fellowships effort is a great source of institutional pride. Ponder for a moment the excitement that will accompany the announcement one day of our first Rhodes Scholar!
- We have worked to initiate memorable events that will promote students' sense of connection to the Honors Village, the University Honors Program, and the University: a convocation for our freshmen, a completion ceremony and special graduation medal for our graduates, a brick walk in the Honors Village courtyard.
- The UHP staff work closely with faculty members to facilitate programs and develop new initiatives.

Enhance local and global engagement through focused strategic partnerships.

- As part of her experience in HON 310 in Spring 2011, UHP freshman Theresa Mazzoleni decided that she wanted to help young women become more interested and empowered to succeed in the STEM fields. After a meeting with Theresa, UHP staff, Michael Clinkscales (Director of the NCSU Teaching Fellows), and Robin McWilliams (Director of the Students Advocating for Youth (SAY) Village), she identified The Daniel Center for Math and Science as a potential outreach opportunity. The Daniel Center is a local afterschool center that works with at-risk and disadvantaged youth to help them become more proficient in math and science and more motivated to succeed, as well as expose them to opportunities for success. Theresa and members of the UHP staff worked to formalize the partnership and recruit other UHP students to participate. For 2011-2012, UHP students filled all of the hours available on Monday, Wednesday and Friday at The Daniel Center. In Spring 2012, Theresa named Anna Komsa, a rising UHP sophomore as the next program organizer. At the time of this writing, UHP students already filled the entire volunteer schedule (M-F) for The Daniel Center in Fall 2012.

Five bullets of notable information

- NC State had four Goldwater Scholars (one of only four institutions nationally with four) and two Udall Scholars (one of only seven institutions nationally with more than one).
- The Honors Village was recognized with the 2012 "Academic Collaboration Award" from the Southeast Association of Housing Officers. This is tangible evidence of the University Honors Program already doing what the new Division of Academic and Student Affairs was created to promote: effective collaborations between academic units (the UHP) and student affairs units (University Housing).
- A major gift enabled the Fellowship Advising Office to award five "Enhancement Grants" that are funding student research and outreach projects that should position those students for later success in fellowship and scholarship competitions.
- UHP student Theresa Mazzoleni was inspired in an HON seminar to launch a major educational outreach program. This resulted in a collaboration with the Daniel Science and Math Center, where over 30 UHP students have filled three afternoons of volunteer slots the fall and spring

semesters. The program will continue in the 2012-2013 academic year, with sufficient UHP volunteers to occupy all afternoons in the Fall semester.

- “Research Unplugged” and “Research Speed Dating” were new programs that brought research, extension, and engagement to the undergraduate level and provided UHP students with the opportunity to meet with faculty members in informal settings to learn about research, scholarship, and research opportunities.

**University Honors Program
Academic Programs and Services
Division of Academic and Student Affairs
North Carolina State University**

**Annual Report
Appendix**

2011-2012

Fellowship Advising Office Statistics

Fellowship Candidates (=nominees) and Results

Rhodes: 1 candidate
Marshall: 2 candidates
Churchill: 2 candidates
Carnegie Junior Fellowships: 2 candidates
Truman: 2 candidates, 1 finalist, 0 recipients
Goldwater: 20 applicants, 4 candidates, 4 recipients
Udall: 7 applicants, 4 candidates, 2 recipients
Fulbright: 20 applicants, 4 finalists, 1 recipient (Mexico), 1 alternate (Sri Lanka)
Boren: 6 applicants, 0 recipients
Fellowship Advising Office Enhancement Grants: 25 applicants, 6 finalists, 5 recipients
Fulbright UK Summer Institute: 1 applicant, 1 recipient
DAAD Rise: 1 applicant, 1 recipient
NSF GRF: 5 applicants (3 undergraduates, 2 graduate students), 2 recipients (1 undergraduate, 1 graduate)
Boren Fellowship (graduate level): 1 applicant (NC State Alum), 1 recipient
Gilman: 1 applicant, 1 recipient
Gates-Cambridge: 2 applicants, 1 finalist, 0 recipients
SMART: 1 applicant, 1 finalist, 0 recipients

Workshops

4 Fulbright Workshops
6 Truman Workshops
2 Udall Workshops
1 Goldwater/NSF GRF Workshop (led by Dr. Blanton)
4 UK Scholarship Workshops (Rhodes, Marshall, Mitchell)
4 Park Scholar Fellowship Information Sessions
1 Caldwell Fellowship Information Session
1 First Year College Fellowship Information Session
1 College of Natural Resources Fellowship Information Session
1 University Scholars Program Fellowship Information Session
1 Psychology Graduate Students Fellowship Information Session
1 Sociology Graduate Students Fellowship Information Session

“Research Unplugged” Presenters

- Dr. Rupert Nacoste, Social Psychology
- Dr. Yaroslava Yingling, Materials Engineering
- Dr. Walt Wolfram, English
- Dr. Matthew Novenson, Religion
- Dr. Jonathan Lindsey, Chemistry
- Dr. Jim Crisp, History
- Ms. Eileen Hanna, Institute for Nonprofits
- Dr. David Zonderman, History
- Dr. David Hinks, Textile Engineering Chemistry & Science
- Mohammad Moussa, UHP Student
- Dr. Akram Khater, History
- Dr. Robert Beichner, Physics
- Dr. Fred Gould, Entomology
- Dr. Bill Bauer, Philosophy
- Dr. Greg Byrd, Electrical & Computer Engineering
- Ms. Genya O’Gara, Special Collections
- Dr. John Griggs, Mathematics
- Dr. Donald L Bitzer, Computer Science
- Dr. Jim Martin, Chemistry

UHP Ambassadors and their Focus Areas

Collegiate Engagement	Outreach	Peer Mentoring
Mary Carter	Jennifer Blackburn	Morgan Carter
Catie McVey	Chelsea Hartsell	Mary Kirkley
Hannah Osborne	Kevin Keller	Divya Lakshminarayanan
William Pierce	Anna Komsa	Alexa Pecht
Supriya Sadagopan	Peyton Lambeth	
	Joseph Moo-Young	
	Meera Patel	
	Christopher Phipps	
	Catherine Thriveni	

Honors Village Learning Outcomes**Civic Identity**

Honors Village residents will understand their potential for impact within the community and will develop the skills necessary to make a unique contribution.

- *Civic self-awareness*: articulates change in talents, abilities, emotions and goals as a result of experience in community activities.
- *Civic responsibility*: understands the interrelationship between and accepts responsibility for the choices of self and others in community.
- *Civic leadership*: able to work collaboratively with others from multiple vantage points to navigate complex civic structures in order to achieve unique solutions.

Communal Inquiry

Students will understand that intentional relationships are foundational to knowledge creation as well as be able to engage in multi-disciplinary and intercultural communities of inquiry.

- *Relational exploration*: explores relationships in depth, producing friendships grounded in trust, respect, collegiality, which generate rich insights and new meanings.
- *Transfer and integration*: able to synthesize and integrate elements from multiple perspectives, theories, and methodologies in order to generate creative solutions.
- *Emergent knowing*: demonstrates fully developed understanding that knowledge creation is a personally meaningful and socially collaborative process emerging from engagement in multi-disciplinary and intercultural communities.

Public Scholarship

Students will understand the societal implications of knowledge through sustained participation with, for, and among the local and global community in order to yield positive change.

- *Problem identification*: able to identify emerging problems in the local and global community and offer sophisticated reflection about their sources, future implications, and potential divergent solutions.
- *Integrated knowing*: demonstrates fully developed understanding of how civic life relates to field of study, moving meaningfully between academic and community knowledge, resulting in deeper understandings of both domains.
- *Reciprocal action*: demonstrates ability to work reciprocally with members of the local and global community to address matters of common concern or advance public goals and knowledge. (Adapted from Macalester College, www.macalester.edu/curricularrenewal/publicscholarshipcourses2.pdf).

Honors Village Scholar-in-Residence Activities

- "HeLa" discussion series (3 meetings)
- Judge for "Quad's Got Talent"
- Philosophy Discussion and Dinner
- Environment Discussion and Dinner (Marcy Bauer)
- Review of Honors Program applications
- Participation at beginning of the year events (CORE)
- Research Unplugged speaker
- Attended Honors Village Awards Ceremony
- Numerous smaller interactions (dinner during the prospective student visit, games on the lawn, etc.)
- Isaac Bauer (professor's son) competed in "Quad's Got Talent," and participated in or helped with numerous other activities (e.g., the set up for "Harry Potter World" program)

Fellowship Advising Office Enhancement Grant Recipients

(These five students were all recipients of the new Robert L. and Marilyn D. Blanton Enhancement Grants)

- Emily Bissett--Applied Nutrition and International Studies--Sophomore--Park Scholars and Univ. Scholars Program--Nutrition research in the Dominican Republic
- Evan Gearino--Economics and International Studies--Junior--Arabic Studies and Palestinian Refugee Narratives in Jordan
- Rachel Gonsalves--Architecture--Sophomore--UHP--Disaster Relief Construction Efforts in Nicaragua
- Ayanna Seals--Art and Design--Sophomore--Amplified Art and Documentary Video Institution
- Nicole Melendez--Elementary Education--Junior--Literacy and Children's Literature in Guatemala

UHP Students who are participants in other programs for high-achieving students

Program	# of UHP Students
Alexander Hamilton Scholars	7
Benjamin Franklin Scholars	25
Caldwell Fellows	40
Goodnight Scholars	18
Pack Promise	24
Park Scholars	40
Phi Beta Kappa	36
Phi Eta Sigma	15
Phi Kappa Phi	28
Students Advocating For Youth	6
Teaching Fellows	7
Thomas Jefferson Scholars	11
TRIO support	2
Women in Science and Engineering	18

Academic Profile of the UHP Students

The average GPA for all UHP students is currently 3.72. There are 108 UHP students who hold a 4.0 GPA.

UHP Student Distribution by College

(neither the Spring 2012 graduates nor the Fall 2012 incoming students are included)

College	# of UHP Students in College
Ag & Life Sciences	121
Education	12
Humanities & Social Sciences	67
Natural Resources	8
Engineering	277
Design	20
DUAP	9
Management	24
Physical and Math Sciences	39
Textiles	9
TOTAL	586

Incoming Students (Fall 2012) by College

College	# of UHP Students in College
Ag & Life Sciences	32
Education	0
Humanities & Social Sciences	8
Natural Resources	2
Engineering	121
Design	9
DUAP	2
Management	6
Physical and Math Sciences	15
Textiles	6
TOTAL	201