COMMON ENTRANCE SURVEY RESULTS:

IB/M AND TCPCG STUDENTS ENTERING IN 2011-2012 PURSUING SCIENCE

September 2011

The Common Entrance Survey was administered to all incoming students enrolled in the University of Connecticut’s Neag School of Education’s Integrated Bachelor’s/Master’s Teacher Education Program (IB/M) and Teacher Certification Program for College Graduates (TCPCG) for the 2011-12 school year. This report presents results of the survey for 15 students in the field of Science, 6 of whom (40%) are entering the IB/M program and 9 of whom are entering TCPCG (60%).

- 3 respondents from the IB/M program (50%) and 5 respondents from TCPCG (55.6%) are female.
- In the IB/M program 3 respondents (50%) indicated they can speak a language other than English, compared to 2 students (22%) in the TCPCG program.
- The percent of respondents from the IB/M program indicating a parental education level at college completion or beyond was 50% for the mother and 33.3% for the father, respectively; 66.7% of TCPCG respondents revealed a similar level of educational attainment for the mother, and 66.7% reported their father had this level of education.
- 83.3% of IB/M respondents and 55.6% of TCPCG respondents attended regular public high schools. Of the remaining TCPCG students, 3 attended private schools (33.3%) and 1 student attended a charter or magnet school. A majority of students from both programs and (66.7% in IB/M and 62.5% in IB/M and TCPCG, respectively) reported that their schools were attended by primarily white students.
- Of the IB/M students, 83.3% intend to teach at the elementary school level, while 100% of TCPCG respondents intend to teach at the secondary level.
- IB/M students indicated their fields were general science (66.7%) or biology (33.3%). Most TCPCG students (55.6%) identified biology as their field; physics (22.2%), chemistry (11.1%), and general science (11.1%) were also represented.
- 50% of IB/M respondents indicated a preference for teaching an urban school; 4 reported they would like to teach in a high achieving school, and 2 (33.3%) would like to teach in a low achieving school. Most TCPCG students indicated they would like to teach an ethnically diverse student body of middle SES in a suburban or urban school with average achievement levels.
Student Demographics

Gender

IB/M

TCPCG

Race/Ethnicity

IB/M

TCPCG
Primary Language Spoken in Your Childhood Home

IB/M

Can You Speak a Language Other Than English?

IB/M
Indicate Your Oral Proficiency in Each of these Languages:

<table>
<thead>
<tr>
<th>Language</th>
<th>Average Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>5.00</td>
</tr>
<tr>
<td>Chinese</td>
<td>1.00</td>
</tr>
<tr>
<td>Italian</td>
<td>1.00</td>
</tr>
<tr>
<td>French</td>
<td>1.67</td>
</tr>
<tr>
<td>Polish</td>
<td>1.00</td>
</tr>
<tr>
<td>Spanish</td>
<td>2.00</td>
</tr>
<tr>
<td>Other</td>
<td>1.40</td>
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</table>
### Average Rating by Language

<table>
<thead>
<tr>
<th>Language</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>Average Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>0 (0.00%)</td>
<td>0 (0.00%)</td>
<td>0 (0.00%)</td>
<td>0 (0.00%)</td>
<td>9 (100.00%)</td>
<td>5.00</td>
</tr>
<tr>
<td>Chinese</td>
<td>7 (77.78%)</td>
<td>0 (0.00%)</td>
<td>0 (0.00%)</td>
<td>0 (0.00%)</td>
<td>0 (0.00%)</td>
<td>1.00</td>
</tr>
<tr>
<td>Italian</td>
<td>6 (66.67%)</td>
<td>2 (22.22%)</td>
<td>0 (0.00%)</td>
<td>0 (0.00%)</td>
<td>0 (0.00%)</td>
<td>1.25</td>
</tr>
<tr>
<td>French</td>
<td>6 (66.67%)</td>
<td>0 (0.00%)</td>
<td>1 (11.11%)</td>
<td>0 (0.00%)</td>
<td>0 (0.00%)</td>
<td>1.29</td>
</tr>
<tr>
<td>Polish</td>
<td>7 (77.78%)</td>
<td>0 (0.00%)</td>
<td>0 (0.00%)</td>
<td>0 (0.00%)</td>
<td>0 (0.00%)</td>
<td>1.00</td>
</tr>
<tr>
<td>Other</td>
<td>5 (55.56%)</td>
<td>1 (11.11%)</td>
<td>2 (22.22%)</td>
<td>0 (0.00%)</td>
<td>0 (0.00%)</td>
<td>1.63</td>
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</tbody>
</table>

### Highest Level of Education Attained by Your Mother

- **IB/M**
  - Completed high school: 2 (33.33%)
  - Some college: 1 (16.67%)
  - Completed college: 1 (16.67%)
  - Completed graduate school: 1 (16.67%)
  - Unsure: 1 (16.67%)

- **TCPCG**
  - Completed high school: 1 (11.11%)
  - Some college: 1 (11.11%)
  - Completed college: 4 (44.44%)
  - Completed graduate school: 2 (22.22%)

### Highest Level of Education Attained by Your Father
Past Education Characteristics

What Type of High School Did You Attend?

How Would You Describe the Location of Your High School?
How Would You Describe the Racial/Ethnic Composition of Your High School?

IB/M

- 4 (66.67%) Primarily non-white students
- 1 (16.67%) A mixture of both white and non-white students
- 1 (16.67%) Primarily white students

TCPCG

- 5 (62.50%) Primarily white students
- 3 (37.50%) A mixture of both white and non-white students
Program Characteristics

Which Pupil Level(s) Are Your Intended Focus in the Program?

IB/M

TCPCG

What Field are you in?

IB/M

TCPCG
Ideals for Future Teaching Positions

How would you describe the location of this school?

IB/M

TCPCG

On average, What Would the Socio-economic Status of the Students in this School?

IB/M

TCPCG
How Would You Describe the Racial/Ethnic Composition of this School?

IB/M

TCPCG

How Would You Describe this School in Terms of its Overall Achievement Level?

IB/M

TCPCG
Ideally, what will be your most important achievements and/or accomplishments in the Teacher Education Program at the Neag School? Upon graduation, I hope to ...
... Have taken everything that I possibly can take away from the program. I hope that I will have learned as much as possible from the outstanding faculty within the school. Hopefully the things that I take away from the program will allow me to continue working towards becoming as great a teacher as I can become. List of some goals: -maintain a strong GPA -meet and learn from teachers -meet and learn from colleagues/friends -have a successful student observation and teaching experience -participate in the London Study Abroad program -apply for the Fulbright Scholar Program

I hope to be able to become the kind of teacher I envision myself becoming. I hope to learn from my students and use the skills I will gain from the Neag School of Education to aide me in my future teaching endeavors.

Have gained an understanding of how best to reach my students in a way that is both easy to understand and interesting to them. I hope to have learned various methods of incorporating media into my lessons, as well as ways to connect to the individual students. I also hope to learn effective ways to reward productive behavior and especially to discourage destructive behaviors. All in all, I hope to have discovered ways to effectively pass on my knowledge of my subjects to students in a way that they will remember and enjoy.

Take the information and tools that I have been given in the IB/M program and be able to apply them to any school I may end up at. Whether it is a suburban/urban/rural school, I hope to be able to adjust my teaching in order to provide my students with a high quality education and leave them prepared to enter the next grade.

Receive my bachelor and master's degree in Elementary Education with a concentration in science and a minor in Psychology. I aspire to not only teach in Connecticut but expand my experiences and teach in other surrounding states. I do not want to limit myself because I would not want to limit the students I will come across when I become an educator. I aspire to work with special needs, urban area, as well a lot of ELL students because I really enjoy the challenge as well the unexplainable rewarding feeling you get when they grasp a lesson. I also plan to potentially work my way up into the system and maybe become an education which would also require furthering my degree. I know that upon graduating the NEAG program countless doors are now opened for me and I plan to take advantage of all that is offered.

I hope to hone in on skills that will make me that special teacher who students remember. There are a lot of things about teaching children that I don't already know. I hope to maintain excellent grades, and retain all of the valuable information I have learned through Neag to make me a much better teacher. I want to work cooperatively and closely with other students, so we can share ideas and build off each other. Neag will hopefully help me to look deeper into what motivates children to do different things, and will help me to solve problems in my future career!

TCPCG

Ideally, what will be your most important achievements and/or accomplishments in the Teacher Education Program at the Neag School?
Upon graduation, I hope to...

**enter into the teaching profession and begin making immediate waves in the education community. Short-term goals would be to get a job and become familiar with the school and students. Slowly I would work in the curriculum and offer students a high value of education within the first year I am teaching. Ideally, I would provide students with a unique and advanced approach to biology which I can communicate to them clearly and give them the best opportunity to succeed.**

**Upon graduation, I hope to be schooled in several different teaching methods that would allow me to reach all students, regardless of learning modality. I hope to gain the necessary teaching experience that would allow me to deal with all different student situations. I hope to learn what kind of teacher resources are available to help with new technology and teaching methods. In the end, I hope to have the necessary skills to be the best teacher I can be, and be able to make a difference in students' lives.**

**Upon graduation, I hope to have a toolbox filled with the tools necessary to be a great teacher. I hope to integrate the theory and instruction learned in the classroom with the practice of student teaching in order to be more fully prepared to enter any school setting. Overall, I hope to be able to navigate the challenges of teaching so that my passion for science and my concern for my students will inspire them to achieve.**

**become a teacher that can inspire students to continue on with their education at a college or university after high school. I want to be the kind of teacher that can teach a student how to form an opinion of their own, intelligently and with good logic. I want to be a teacher that my students will remember 20 years later and wonder if I am still helping students achieve their best work.**

**dedicate myself to a low achieving school. I want to provide a superior education to those students who want to achieve, encouragement and mentoring to those students who need someone to believe in them, and a safe environment in which urban students can "get their geek on".**

**I hope to have the information and the educational background that will allow me to hit the ground running, so to speak, and to never slow down. I want to have the education that can keep up with today and the technologically changing world. I want to be such a good student teacher, that even if I were to walk back into the school a year later the students would still be excited about our experiences with me in their classroom.**

**I hope to leave with techniques to teach successfully in a high needs district and fully engage students with biology. I want to leave with an above average GPA and be confident in my abilities.**

**Better and fully understand my roles and responsibilities as a High School Physics teacher and Provide my students with the best chance to succeed in school and beyond.**

**I hope to possess the skills and the confidence necessary to be a successful educator that will inspire young people to want to learn about science.**