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## Dhue, Hoijer Receive Phi Beta Kappa Awards

May 11, 2015

BLOOMINGTON, Ill.— Hannah Dhue '15 (Bethalto, Ill.) and Natalie Hoijer '15 (Arlington Heights, Ill.) have received this year's Phi Beta Kappa Liberal Arts Scholar Awards at Illinois Wesleyan University.

Phi Beta Kappa is the nation's oldest academic society and recognizes excellence in the liberal arts and sciences. Illinois Wesleyan's Phi Beta Kappa Liberal Arts Scholar Awards foster and celebrate student research that engages, translates and bridges academic disciplines and/or crosses traditional boundaries. Applicants submit a research paper or a work of art, music composition, film, collection of poetry or research that stemmed from experiential learning.



Hannah Dhue '15

A recent magna cum laude graduate double majoring in English-writing and theatre arts, Dhue compared vivid imagery within three prominent novels and the respective film adaptations by filmmaker Joe Wright. The films are *Pride and Prejudice* (2005), *Atonement* (2007), and *Anna Karenina* (2012).

"I learned that reverse ekphrasis – basically depicting words through images – is vital for a truly moving and visual adaptation of a novel," said Dhue, who also received the Nikki Kaye Pape President's Club Award for Excellence in Writing during Illinois Wesleyan's Commencement. She plans to work in the film industry in Los Angeles.

Hoijer graduated cum laude with majors in mathematics and music. Her research explored the impact of mathematical patterns such as Fibonacci numbers and the golden ratio on the style, structure and aesthetic beauty of a composition as a whole. She further considered how those techniques set the piece apart from other works that do not use such mathematics. During the Illinois Chamber Music Festival last summer, Hoijer created activities and surveys for high school students attending the camp to gather more data for her project, "Unleashing Music's Hidden Blueprint: An Analysis of Mathematical Symmetries Used in Music."



Natalie Hoijer '15

"My findings showed that the Fibonacci series and the Golden Mean were the most effective compositional tools and yielded the most aesthetically pleasing results," she said.

Hoijer also received the Katherine Riedelbauch Baker Music Award during Illinois Wesleyan's Commencement. Hoijer was graduated with research honors.

She will attend Illinois State University in the fall to pursue a master's degree in flute performance. She also plans to obtain a certificate to teach high school math.