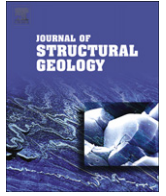




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Journal of Structural Geology

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Editorial

Journal of Structural Geology Student Author of the Year Award 2011

The “Student author of the Year Award” is made for an outstanding paper in which an undergraduate or graduate student played a key role in the research and publication. The recipient of this award for 2011 is

Matthew A. Massey for his contribution, co-authored with David Prior and David Moecher.

Microstructure and crystallographic preferred orientation of polycrystalline microgarnet aggregates developed during progressive creep, recovery, and grain boundary sliding. *Journal of Structural Geology* Volume 33, 713–730.

This year we had a tough competition and the Editors have selected this paper out of many high quality student submissions. This paper focuses on microstructure and CPO development in garnet during greenschist and amphibolite facies deformation/metamorphism. This topic is very relevant as garnet is a major component of middle/lower crust and upper mantle rocks. Its behavior is critical to understanding defor-

mation processes in these domains. Detailed optical microscopy, electron probe analysis and electron backscattered diffraction (EBSD) techniques were used to clearly document the microstructure and CPO in the microgarnet aggregates from a major transpression zone in the southern New England Appalachians.

This paper was recognized as outstanding because it integrates very well the several techniques employed, and the outcome shows the significance of strain accommodation within garnet and its effect on composition under a range of pressure and temperature conditions. It also emphasizes the importance of utilizing EBSD methods for a sound understanding of garnet deformation.

Congratulations to Matthew A. Massey and indirectly to his PhD supervisor, David Moecher, who is mentoring him in structural geology. The *Journal of Structural Geology* is pleased to have the opportunity to publish this work.