Abstract Submitted
for the CUWIP21 Meeting of
The American Physical Society

Assessing the Transition from GdCuAs2 to GdCuP2 Using DFT Calculations[1] CLARA LARSON, Grinnell College, PROFESSOR TURAN BIROL COL-
LABORATION, AMARTYAJYOTI SAHA COLLABORATION — h $-abstract-$
$Lastsummer, Iusedsupercomputingresourcesattheuniversityofminnesota'sMSItostudythetransitionf$
$andd$ $-$
$orbitalsofArsenicatomsinthesquarenet.Additionally, wefoundthatGdCuAs2ismorestablethanGdCuP2d$
$zagchainsarethemoststableconfigurationsofArsenicatomsinGdCuAs2andGdCuP2, respectively.Toinve$

[1]NSF REU program, University of Minnesota MRSEC

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Date submitted: 04 Jan 2021 Electronic form version 1.4