

**BOOK CHAPTERS:**

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**PEER-REVIEWED JOURNAL PUBLICATIONS: (112)**

1. Michalski, J. R., Cuadros, J., Dekov, V., Dyar, M. D. & Bishop, J. L. (2015) Constraints on the crystal-chemistry of Fe/Mg-rich smectitic clays on Mars and links to global alteration trends. *Earth and Planetary Science Letters*, submitted.
2. Bishop, J. L. & Rampe, E. B. (2015) Poorly Crystalline Phases as the Key to Understanding Remote Sensing of Clays on Mars. *Geology*, submitted.
3. Cuadros, J., Michalski, J. R., Dekov, V. & Bishop, J. L. (2015) Octahedral chemistry of 2:1 clay minerals and hydroxyl band position in the near-infrared. Application to Mars. *Icarus*, submitted.
4. Weitz C.M., Bishop J.L., Baker L.L. & Berman D.C. (2015) Fresh exposures of hydrous Fe-bearing amorphous silicates on Mars. *Geophys. Res. Let.*, in press, 2014GL062065.
5. Lin, T. J., Ver Eecke, H. C., Breves, E. A., Dyar, M. D., Jamieson, J. W., Hannington, M. D., Dahle, H., Bishop, J. L., Lane, M. D., Butterfield, D. A., Kelley, D. S., Baross, J. A. & Holden, J. F. (2015) Mineralogical and microbial description of the interior habitable zones of three active hydrothermal chimneys from the Endeavour Segment, Juan de Fuca Ridge. *Geochemistry, Geophysics, Geosystems*, submitted.
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7. Bishop, J. L., Murad, E. & Dyar, M. D. (2015) Akaganéite and schwertmannite: Spectral properties, structural models and geochemical implications of their possible presence on Mars. *American Mineralogist*, in press.
8. Carter, J., Viviano-Beck, C., Le Deit, L., Bishop, J. L. & Loizeau, D. (2015) Orbital detection and implications of akaganéite on Mars. *Icarus*, in press.
9. Noel, A. J., Bishop, J. L., Al-Samir, M., Gross, C., Flahaut, J., McGuire, P. C., Weitz, C. M., Seelos, F. P. & Murchie, S. L. (2015) Mineralogy, morphology and stratigraphy of the light-tones interior layered deposits at Juventae Chasma. *Icarus*, in press, doi:10.1016/j.icarus.2014.09.033.
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