

## Niko Vlahakis

Postdoctoral Scholar, Structural Biology

### Bio

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#### STANFORD ADVISORS

- Peter Dahlberg, Postdoctoral Faculty Sponsor
- Peter Dahlberg, Postdoctoral Research Mentor

### Publications

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#### PUBLICATIONS

- **Combining MicroED and native mass spectrometry for structural discovery of enzyme-small molecule complexes.** *Proceedings of the National Academy of Sciences of the United States of America*  
Vlahakis, N. W., Flowers, C. W., Liu, M., Agdanowski, M. P., Johnson, S., Summers, J. A., Jacobs, L. M., Keyser, C., Russell, P., Rose, S. L., Orleans, J., Adhami, N., Chen, et al  
2025; 122 (31): e2503780122
- **Accounting for electron-beam-induced warping of molecular nanocrystals in MicroED structure determination** *IUCRJ*  
Vlahakis, N., Clauss, A., Rodriguez, J. A.  
2025; 12: 223-238
- **Fast event-based electron counting for small-molecule structure determination by MicroED** *ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY*  
Vlahakis, N., Qu, S., Richards, L. S., de Moraes, L., Cascio, D., Nelson, H. M., Rodriguez, J. A.  
2025; 81: 116+
- **Combining MicroED and native mass spectrometry for structural discovery of enzyme-biosynthetic inhibitor complexes.** *bioRxiv : the preprint server for biology*  
Vlahakis, N. W., Flowers, C. W., Liu, M., Agdanowski, M., Johnson, S., Summers, J. A., Keyser, C., Russell, P., Rose, S., Orleans, J., Adhami, N., Chen, Y., Sawaya, et al  
2025
- **3D Nanocrystallography and the Imperfect Molecular Lattice** *ANNUAL REVIEW OF PHYSICAL CHEMISTRY*  
Vlahakis, N., Holton, J., Sauter, N. K., Ercius, P., Brewster, A. S., Rodriguez, J. A.  
2024; 75: 483-508