2019 Participants

18 middle schools
220 students
9 teachers

25 high schools
384 students
9 teachers

Sponsors

Alliant Energy
American Chemical Society
American Crystallographic Association
Bruker AXS
The Cambridge Crystallographic Data Centre
Covance
The Evjue Foundation, Inc.
Hestia Labs
ICE – Institute for Chemical Education
International Union of Crystallography
Leica Microsystems
Rigaku Oxford Diffraction
MilliporeSigma
Packers Chemical
Space Station Explorers
UW Madison Chemistry Department
Zeiss
Zurex Pharma

The 2019 Wisconsin Crystal Growing Contest

Award Ceremony Program

University of Wisconsin–Madison
1315 Chemistry Department

10:00 a.m.
May 24, 2019
Program
2019 WI Crystal Growing Ceremony

Introduction
Dr. Ilia Guzei, Contest Organizer

Welcome and Department Overview
Prof. Judith N. Burstyn, Chair, Department of Chemistry

Undergraduate Education at UW–Madison Chemistry Department
Prof. John W. Moore

Personal Experience in the WI Space Crystal Mission
Kaitlyn Twesme (Lake Mills High School)

2019 WI Crystal Growing Contest
Dr. Paula Piccoli

Presentation of the Awards
Dr. Paula Piccoli and Dr. Ilia Guzei

Celebratory Reception (12:00 p.m.)
Atrium, Shain Tower

Selected winning 2019 crystal and art submissions.

Winners, 2019 WICGC
Middle School (ages 11–13)

Best Overall Crystal
1st prize: Cayden Bendlin Penner, Cobain Pellebon-Bohan, Tatum Metzger, Velma Hamilton MS, Madison
2nd prize: Nathan Kuehl, Indian Mound MS, Mcfarland
3rd prize: Madison Vollmer, Shattuck MS, Neenah

Best Quality Crystal
Zach Twesme, Lake Mills MS, Lake Mills

Best Quality Teacher’s Crystal
Dean Doersch, Shattuck MS, Neenah

Best Crystal-inspired Art
1st prize: Payton Kelly-Van Domelen, Bright Minds Academy, Sun Prairie

High School (ages 14–18)

Best Overall Crystal
1st prize: Will McGrath, Tyler Parteka, Pablo Bustamante, Hartford Union HS, Hartford
2nd prize: Kaitlyn Twesme, Lake Mills HS, Lake Mills
3rd prize: John Manning, Thomas Rose, Zachery Baldridge, Marquette University HS, Milwaukee

Best Quality Crystal
Khush Patel, Idalis Roman, J.I. Case HS, Mount Pleasant

Best Quality Teacher’s Crystal
Erik Duhn, Little Wolf Jr./Sr. HS, Manawa

Best Crystal-inspired Art
1st prize: Avalon Border, Border Home Tutorial, Kenosha
2nd prize: Adriana Marquardt, Abby Stout, Hartford Union HS, Hartford
3rd prize: Nikki Messick, Neenah HS, Neenah