

CURRICULUM VITAE

I. Personal Information

Name: Kimben Mateo Gonzales
Home Address: District 1-A, Victoria, San Mateo, Isabela
Birth Date: November 26, 1995
Email Address: kmgonzales2@up.edu.ph

II. Educational Attainment

August 2015 – June 2019: **Master of Science in Mathematics**
University of the Philippines Baguio (UP Baguio)
Baguio City, Philippines
(*Date graduated: June 24, 2019*)

June 2011 – June 2015: **Bachelor of Science in Mathematics (*cum laude*)**
University of the Philippines Baguio
Baguio City, Philippines
(*Date graduated: June 25, 2015*)

III. Work Experience

September 2022 – present: **Assistant Professor in Mathematics**
Department of Mathematics and Computer Science (DMCS)
College of Science, UP Baguio, Baguio City, Philippines

February 2022 – June 2022: **Senior Lecturer in Mathematics**
DMCS, College of Science, UP Baguio, Baguio City, Philippines

August 2019 – August 2021: **Instructor in Mathematics**
Department of Mathematics and Physical Sciences (DMPS)
College of Arts and Sciences, Isabela State University – Echague
Echague, Isabela, Philippines

August 2018 – July 2019: **Instructor in Mathematics**
DMCS, College of Science, UP Baguio, Baguio City, Philippines

August 2015 – May 2018, **Teaching Associate in Mathematics**
DMCS, College of Science, UP Baguio
Baguio City, Philippines

IV. Research Interests

Mathematical Modeling, Delay Differential Equations, Dynamical Systems

V. Subjects Taught

College Algebra, Plane Trigonometry, Elementary Statistics, Differential and Integral Calculus, Advanced Calculus, Discrete Mathematics, Differential Equations, Introduction to Computer Programming, Number Theory, Linear Algebra, Numerical Analysis, Automata and Language Theory, Design and Analysis of Algorithms

VI. Other Designations/Committees while Affiliated with UP Baguio

Academic Year 2023-2024 Chairperson, SINSM Committee

July 2023 Member/Secretariat, 5th International Workshop
on Mathematical Biology

Academic Year 2022-2023 Member, COMELEC 2023 (University Student Council
Election 2023); NSTP Facilitator; Secretary, DMCS;
Member, SINSM Committee and CS Socials Committee

Academic Years 2015-2019, Member, CS Socials Committee

VII. Oral Presentations

1. *Resource Speaker, "Hopf Bifurcation in a Plant Virus Propagation Model with Vector Preference and Time Delay", February 9, 2021: 6th DMCS Summer School – Workshops on Graduate Research: In Honor of Prof. Macansantos' Retirement, February 1 – 12, 2021 via Zoom Virtual Video Conferencing*
2. *Oral Presenter, "Modeling Plant Virus Propagation with Vector Preference and Latent Period", July 19, 2019: DMCS Midyear School V: Graduate Research, July 17 – 19, 2019, Kolehiyo ng Agham Room 402, UP Baguio*
3. *Oral Presenter, "Modeling Plant Virus Propagation with Vector Preference", May 28, 2019: Mathematical Society of the Philippines Annual Convention 2019 (MSP 2019), May 27 – 29, 2019, General Santos City, South Cotabato, Philippines*

VIII. Conferences/Schools/Workshops/Trainings/Webinars Attended

1. *DMCS In-House Training 2023: Webpage Creation Workshop II, November 20, 2023, KA 301, UP Baguio, Baguio City*
2. *National Seminar-Workshop on Designing Contextualized National Service Training Program, March 1- 4, 2023, Baguio Teacher's Camp, Baguio City*

3. 12th Conference on Dynamical Systems Applied to Biology and Natural Sciences (DSABNS 2021 – *Virtual*), February 2 – 5, 2021 via Zoom Virtual Video Conferencing
4. *Webinar*: Baguio City COVID-19 Updates: A Visual Exploratory Data Analysis (V-EDA) Approach, December 2, 2020 via Zoom Virtual Video Conferencing, College of Science, University of the Philippines Baguio
5. *Webinar*: Shapes in Data: An Invitation to Topological Data Analysis, November 27, 2020 via Zoom Virtual Video Conferencing, College of Science, University of the Philippines Baguio
6. DMCS Graduate Colloquium, November 20, 2020 via Zoom Virtual Video Conferencing, College of Science, University of the Philippines Baguio
7. 2020 Society for Mathematical Biology Virtual Annual Meeting (eSMB2020), August 17 – 20, 2020 via Zoom Virtual Video Conferencing
8. Workshop on Agricultural Crop Modeling during IWOMB 2020, January 6 – 8, 2020, University of the Philippines Los Banos, Laguna, Philippines
9. International Workshop on Mathematical Biology 2020 (IWOMB 2020), January 6 – 8, 2020, University of the Philippines Los Banos, Laguna, Philippines
10. National Seminar-Workshop on Development of Quality Classroom-based Tests, December 7 – 9, 2019 University of the Philippines, National College of Public Administration and Governance (UP-NCPAG), Diliman, Quezon City
11. DMCS Midyear School V: Graduate Research, July 17 – 19, 2019, Kolehiyo ng Agham Room 402, UP Baguio
12. Mathematical Society of the Philippines Annual Convention 2019 (MSP 2019), May 27 – 29, 2019, General Santos City, South Cotabato, Philippines
13. 2019 DMCS AUN-QA Workshop, April 14 – 15, 2019, Tuba, Benguet
14. International Workshop on Mathematical Biology 2019 (IWOMB 2019), January 6 – 10, 2019, Panglao, Panglao Island, Bohol, Philippines
15. 2018 Department of Mathematics and Computer Science (DMCS) IAADS Workshop, December 1 – 2, 2018, San Juan, La Union
16. College of Science (CS) Strategic Planning Workshop, September 3, 2018, Hotel Elizabeth, Gibraltar, Baguio City
17. Sustaining Academic Excellence at UP Baguio: 2017 Faculty Conference, November 27, 2017, Baguio Country Club, Baguio City
18. College of Science UP Baguio’s Seminar-Workshop on “Assessment of CS Degree Programs, GE Courses, Extension Services and Other Academic Policies that will work for K-12”, June 16 – 18, 2016, Lingayen, Pangasinan
19. DMCS Workshop on BS Mathematics and BS Computer Science Program Revision, February 01, 2016, Pooten Resort, Asin Road, Tuba, Benguet
20. 2015 Teaching Effectiveness Seminar – Workshop, November 23, 2015, UP Baguio
21. Comprehensive MATLAB Training, September 3 – 4, 2015, UP Baguio

IX. Relevant Extension Services

<i>Evaluator</i>	Mathematical Investigation (Problem-based) 2023 District Science and Mathematics Festival Cordillera Regional Science High School, La Trinidad, Benguet October 24, 2023
<i>Resource Speaker</i>	Teachers' Training on Mathematics, Apps, and Activities Schools Division Office, Lagawe, Ifugao October 12-14, 2023
<i>Technical Support</i>	PhD Indigenous Studies Comprehensive Exam UP Baguio, Baguio City, Philippines August 5, 2023
<i>Lecturer, Secretariat</i>	28 th Summer Institute for Natural Sciences and Mathematics (SINSM), College of Science, UP Baguio, April 27-29, 2023
<i>Thesis Reader</i>	Bachelor's Thesis Examination of BS Math Students for Academic Year 2021-2022, UP Baguio, June 9, 2022
<i>Lecturer</i>	27 th SINSM, College of Science, UP Baguio April 7, 2022
<i>External Evaluator</i>	Research 3 Final Defense of Grade 12 Students Philippine Science High School Ilocos Region Campus January 26, 2022
<i>Guest Speaker</i>	2021 Virtual Moving-up Ceremony Salinungan National High School July 14, 2021
<i>Speaker</i>	Career Talk 2021 Senior High School Department of College of Education Isabela State University Echague, April 30, 2021
<i>Adviser</i>	Student Body Organization (SBO) of College of Arts and Sciences, Isabela State University Echague August 2019 – December 2020

The ISU - Mathematical Society of Isabela State University Echague
School Year 2019-2020, 2020-2021

<i>Secretariat, Facilitator</i>	DMCS Midyear School V: Graduate Research July 17 – 19, 2019, Kolehiyo ng Agham Room 402, UP Baguio 25 th SINSM, April 25 – 27, 2019, UP Baguio 24 th SINSM, April 26 – 28, 2018, UP Baguio 23 rd SINSM, April 27 – 29, 2017, UP Baguio 22 nd SINSM, April 28 – 30, 2016, UP Baguio
<i>Electoral Board Member</i>	2019 University Student Council Election, April 04, 2019 UP Baguio
<i>Regional PMO Committee Member</i>	20th Philippine Mathematical Olympiad Qualifying Stage, October 28, 2017, UP Baguio
<i>Facilitator</i>	Tagisan sa Sipnayan: Battle of the Math Wizards, November 05, 2016, UP Baguio